

Glossary

- accounting** [N-UNCOUNT-U8] **Accounting** is the process of recording and managing financial transactions. **system rozliczeniowy; księgowość**
- add** [V-T-U11] To **add** a number to another number is to increase it by that amount. **dodawać (liczby)**
- anti-virus software** [N-UNCOUNT-U6] **Anti-virus software** is a type of security software that removes malware, or prevents its installation. **oprogramowanie antywirusowe**
- application software** [N-UNCOUNT-U8] **Application software** is any software that is used to perform a single task, or perform multiple tasks that are related to each other. **oprogramowanie użytkowe**
- artifact** [N-COUNT-U1] An **artifact** is a feature of software that determines its type or function. **artefakt**
- bachelor's degree** [N-COUNT-U15] A **bachelor's degree** is a certificate indicating that someone has completed an educational program, usually after four years of study, and is qualified to practice a particular profession. **stopień/tytuł licencjata**
- bioinformatics** [N-UNCOUNT-U9] **Bioinformatics** is the application of computer software to the field of biology. **bioinformatyka**
- BIOS** [N-COUNT-U5] A **BIOS** (Basic Input Output System) is a set of instructions in firmware that controls a device's input and output operations. **BIOS, podstawowy system wejścia-wyjścia (zestaw podstawowych procedur pośredniczących między systemem operacyjnym a sprzętem)**
- body language** [N-UNCOUNT-U14] **Body language** is communication that is expressed with positions of the body instead of words, including hand gestures and facial expressions. **język ciała**
- calculus** [N-UNCOUNT-U15] **Calculus** is a complex branch of mathematics that deals with rates of change and advanced measurements of physical properties. **rachunek różniczkowy**
- case** [N-COUNT-U4] A **case** is a protective enclosure that contains the parts of something. **tu: obudowa**
- CD/DVD drive** [N-COUNT-U4] A **CD/DVD drive** is a device that reads and writes data on compact discs and digital versatile discs. **napęd CD/DVD**
- circuit analysis** [N-UNCOUNT-U15] **Circuit analysis** is the study of how electrical components conduct currents. **analiza obwodów elektrycznych**
- compiler** [N-COUNT-U7] A **compiler** is a program that decodes instructions written in a higher order language. **kompilator (program komputerowy)**
- computer** [N-COUNT-U2] A **computer** is an electronic instrument for storing data and performing various electronic tasks and functions. **komputer**
- computer architecture** [N-UNCOUNT-U15] **Computer architecture** is the physical configuration of computers from hardware components. **architektura komputera**
- computer engineering** [N-UNCOUNT-U15] **Computer engineering** is a branch of engineering that includes computer science and electrical engineering, and usually involves designing both hardware and software components for computers. **inżynieria komputerowa**
- computing cluster** [N-COUNT-U2] A **computing cluster** is an extremely powerful computer designed to process large quantities of data. **klaster komputerowy**
- control** [V-T-U5] To **control** something is to have power over its actions or functions. **kontrolować**
- control system** [N-COUNT-U15] A **control system** is a device or set of devices that regulates the actions of other devices. **układ regulacji**
- convert** [V-T-U12] To **convert** something is to change it into a different form or system of measurement. **tu: zamieniać, przeliczać (np. ułamki zwykłe na dziesiętne)**
- cost analysis** [N-COUNT-U9] A **cost analysis** is a report that explains expenses. **analiza kosztów**
- cover** [N-COUNT-U4] A **cover** is something that is placed over something else for protection. **osłona**
- cursor** [N-COUNT-U10] A **cursor** is a movable icon on a computer screen that indicates the point where user input will appear. **kursor**
- data management** [N-UNCOUNT-U9] **Data management** is the ability to track and evaluate information. **zarządzanie danymi**
- debugger** [N-COUNT-U7] A **debugger** is a computer program that detects and corrects errors in other computer programs. **debugger, debugger (program komputerowy wykorzystywany do analizy innych programów w celu odnalezienia i identyfikacji zawartych w nich błędów)**
- decimal number** [N-COUNT-U12] A **decimal number** is a value in a numbering system based on the number 10, with numbers on both sides of the decimal point. **liczba dziesiętna**
- decline** [N-COUNT-U13] A **decline** is the process of becoming worse or smaller in amount. **spadek, obniżenie, zmniejszenie (się)**
- decrease** [V-I-U13] To **decrease** is to become smaller. **zmniejszać (się)**
- denominator** [N-COUNT-U12] A **denominator** is the number that is below the line in a fraction. In the fraction 1/2, the denominator is 2. **mianownik (ułamek)**

- deny** [V-T-U6] To **deny** something is to refuse it. **tu: odmawiać**
- design** [V-T-U1] To **design** something is to plan the way that it will be created. **projektować**
- desktop** [N-COUNT-U2] A **desktop** is a personal computer intended to be used at a single location, such as a desk. **komputer biurowy**
- desktop** [N-COUNT-U10] A **desktop** is the working area of a computer screen, usually containing icons that represent files, programs, and other features. **pulpit (na komputerze)**
- desktop publishing** [N-UNCOUNT-U8] **Desktop publishing** is the process integrating text, images, and other media into a layout which can be published electronically, usually in a home or small business environment. **mała poligrafia komputerowa, DTP, publikowanie z za biurka (przygotowanie tekstów i ilustracji do druku)**
- develop** [V-T-U1] To **develop** something is to bring it from the initial stages of conception to action or implementation. **programować, rozwijać**
- device driver** [N-COUNT-U5] A **device driver** is a program that allows a computer to interact with additional devices. **sterownik urządzenia**
- digital assistant** [N-COUNT-U9] A **digital assistant** is a small, handheld computer that typically works as a mobile phone as well. **asystent cyfrowy**
- divide by** [V PHRASE-U11] To **divide** a number (A) **by** another number (B) is to split number A evenly into B number of parts. **(działanie arytmetyczne) podzielić przez**
- double** [V-T-U13] To **double** something is to make something twice as large or abundant. **podwajać**
- dropdown menu** [N-COUNT-U10] A **dropdown menu** is a list of options that appears below an item when a user clicks this item. **menu rozwijane**
- electronics** [N-UNCOUNT-U15] **Electronics** are machines and communication methods that are powered by electrical systems. **elektronika**
- embedded computer** [N-COUNT-U2] An **embedded computer** is a computer that is a part of a larger product. **komputer wbudowany**
- enterprise software** [N-UNCOUNT-U8] **Enterprise software** is a set of programs that is used to organize and control data for a large company or other organization. **oprogramowanie dla przedsiębiorstw (wykorzystywane do zaspokajania potrzeb organizacji, a nie indywidualnych użytkowników)**
- equal** [V-T-U11] To **equal** something is to be precisely the same number or amount as something. **(działanie arytmetyczne) równać się**
- evaluate** [V-T-U1] To **evaluate** something is to carefully study it and assess its qualities. **analizować, oceniać, poddawać ocenie**
- expand** [V-I-U13] To **expand** is to become larger in size. **powiększać się, rozwijać się**
- eye contact** [N-UNCOUNT-U14] **Eye contact** is the act of looking directly into the eyes of another person. **kontakt wzrokowy**
- fan** [N-COUNT-U4] A **fan** is a device that makes something cooler by moving air. **wentylator**
- firewall** [N-COUNT-U6] A **firewall** is a type of security software that screens network transmissions to prevent unauthorized access to a system. **zapora sieciowa**
- firmware** [N-UNCOUNT-U5] **Firmware** is a fixed data structure or program used to control an electronic device. **oprogramowanie sprzętowe/wbudowane/układowe/wewnętrzne/mikroprogramowe (zainstalowane w urządzeniu na stałe)**
- flash drive** [N-COUNT-U3] A **flash drive** is a data storage device containing a type of memory that can be erased and reprogrammed with new information. **pamięć USB, pendrive**
- flat panel** [ADJ-U3] A **flat panel** monitor is much lighter and thinner than a monitor that uses a CRT. **płaskoekranowy**
- fluctuate** [V-I-U13] To **fluctuate** is to change regularly. **(o trendzie) wahać się, zmieniać się**
- folder** [N-COUNT-U10] A **folder** is an icon on a computer screen that is used to access sets of related documents or files. **folder**
- foundation** [N-COUNT-U15] A **foundation** is a general course of study that students take before starting a degree program. **tu: kurs podstawowy, podstawy (np. matematyki)**
- fraction** [N-COUNT-U12] A **fraction** is a part of a whole number, such as 1/2, or one half. **ułamek**
- GUI** [N-COUNT-U10] A **GUI** (graphical user interface) is a visual way of interacting with a computer using menus, icons and windows. **graficzny interfejs użytkownika**
- handout** [N-COUNT-U14] A **handout** is a document that is distributed to a group of people, and is often used to help audiences follow a presentation. **kopia do rozdania, materiały dla uczestników spotkania**
- hard drive** [N-COUNT-U4] A **hard drive** is the main data storage device that is built into a computer. **dysk twardy**
- hardware** [N-UNCOUNT-U5] **Hardware** is the physical components of a computer. **sprzęt komputerowy**
- heat sink** [N-COUNT-U4] A **heat sink** is an electronic component that transfers heat to the air. **radiator**

Glossary

- hundred** [N-COUNT-U11] **-Hundred** is a way of expressing numbers in the thousands by counting how many times 100 goes into the number. For example, the number 1,400 could be expressed as "fourteen hundred". **sto, setka (np. liczbę 1400 można odczytywać jako "one thousand four hundred" lub "fourteen hundred")**
- icon** [N-COUNT-U10] An **icon** is a graphic symbol that indicates a particular file or program. **ikonka (na komputerze)**
- IDE** [N-COUNT-U7] An **IDE** (integrated development environment) is a software application that provides computer programmers with a source code editor, a debugger, and other tools to help them write new programs. **zintegrowane środowisko programistyczne**
- image editing** [N-UNCOUNT-U8] **Image editing** is the process of manipulating images on a computer. **edycja zdjęć, obróbka zdjęć**
- increase** [V-I-U13] To **increase** is to grow larger in amount or numbers. **zwiększać się, wzrastać**
- inkjet printer** [N-COUNT-U3] An **inkjet printer** is a printer that produces images by spraying ink on paper. **drukarka atramentowa**
- install** [V-T-U1] To **install** something is to put it into the place where it will function. **instalować**
- interpreter** [N-COUNT-U7] An **interpreter** is a program that reads and executes other programs. **interpreter (program komputerowy)**
- investigate** [V-T-U1] To **investigate** something is to get more information about it. **badać, dociekać**
- keyboard** [N-COUNT-U3] A **keyboard** is a panel of buttons for entering data into a computer. **klawiatura**
- laptop** [N-COUNT-U2] A **laptop** is a small computer that can be easily carried and used in many locations, and usually has a screen and keyboard that fold together on a hinge. **laptop**
- laser printer** [N-COUNT-U3] A **laser printer** is a printer that produces images with a strong, narrow beam of light. **drukarka laserowa**
- less** [PREP-U11] If a number is **less** than another number, the second number is subtracted or taken away from the first number. **(działanie arytmetyczne) odjąć, minus**
- linear algebra** [N-UNCOUNT-U15] **Linear algebra** is a branch of mathematics that deals with properties of lines and planes. **algebra liniowa**
- linker** [N-COUNT-U7] A **linker** is a program that provides links to the libraries needed for another program to run. **konsolidator (program komputerowy), pop. "linker"**
- malware** [N-UNCOUNT-U6] **Malware** is computer software that is designed to disrupt computer functions or cause harm to a user's computer. **złośliwe oprogramowanie**
- manually** [ADV-U5] If something is done **manually**, it is done directly by a person, without using automatic functions. **ręcznie, manualnie**
- minus** [PREP-U11] If a number is **minus** another number, the second number is subtracted or taken away from the first number. **(działanie arytmetyczne) minus, odjąć**
- mobile app** [N-COUNT-U9] A **mobile app** is a program that can be downloaded on a mobile phone or other handheld device. **aplikacja mobilna**
- monitor** [N-COUNT-U3] A **monitor** is an electronic device that is used to display computer signals. **monitor**
- motherboard** [N-COUNT-U4] A **motherboard** is the central circuit board of a computer. **płyta główna**
- multimedia player** [N-COUNT-U9] A **multimedia player** is a device that can play audio, video, and other files. **odtwarzacz multimedialny**
- multiply by** [V PHRASE-U11] To **multiply** a number (A) **by** another number (B) is to add number A to itself B number of times. **(działanie arytmetyczne) pomnożyć przez**
- note card** [N-COUNT-U14] A **note card** is a small piece of paper that reminds a speaker what to say during a speech. **karta z notatkami (np. do prezentacji)**
- notebook** [N-COUNT-U2] A **notebook** is a mobile computer that is typically smaller than a laptop, and often has fewer features or functions. **notebook, komputer przenośny**
- numerator** [N-COUNT-U12] A **numerator** is a number that appears above the line in a fraction. In the fraction 1/2, it is the 1. **licznik (ułamek)**
- office suite** [N-COUNT-U8] An **office suite** is a group of programs that generally includes a word processor, a spreadsheet program, and a presentation program. **pakiet biurowy (zbiór oprogramowania)**
- open** [V-T-U10] To **open** something on a computer is to reveal its contents, usually for the purpose of using or editing it. **otwierać (np. dokument w komputerze)**
- operate** [V-I-U5] To **operate** is to function in a specific manner according to specifications of operating systems or other software. **działać, funkcjonować**
- operating system** [N-COUNT-U5] An **operating system** is a type of software that manages a computer's hardware and allows the user to perform basic operations on a computer. **system operacyjny**

optical mouse [N-COUNT-U3] An **optical mouse** is a mouse that uses LEDs to track hand movements relative to a surface. **mysz optyczna**

out of [PREP-U12] If a quantity is **out of** y, it has x parts per every y parts possible. **z, ze (np. 2 z 10)**

over [PREP-U11] If a number is **over** another number, it is divided by that number. **tu: większy (o liczbie)**

payroll [N-COUNT-U9] A **payroll** is a list or database of a company's employees and how much they are paid. **lista płac**

PC [N-COUNT-U2] A **PC** (personal computer) is a computer that is intended for individual use. It is sometimes used specifically to refer to a personal computer with the Microsoft Windows® operating system. **PC, komputer osobisty, pot. "pecet"**

percent [N-COUNT-U12] A **percent** is a part of 100 that is usually represented with the "%" symbol. **procent (1/100 część czegoś)**

percentage [N-COUNT-U12] A **percentage** is the rate at which something occurs, measured per 100 units. **odsetek, procent (procentowy udział czegoś w czymś)**

peripheral [N-COUNT-U3] A **peripheral** is a device that is connected to a computer but is not built into it. **urządzenie zewnętrzne, peryferyjne**

permit [V-T-U6] To **permit** something is to allow it. **pozwalać, zezwalać**

plus [PREP-U11] If a number is **plus** another number, the two numbers are added together. **(działanie arytmetyczne) plus, dodać**

point [N-COUNT-U12] A **point** is a dot placed after a whole unit in a decimal number. **przecinek, kropka (separator dziesiętny)**

port [N-COUNT-U4] A **port** is an outlet that allows an electronic device to communicate with other devices using a plug or cable. **port (interfejs w komputerze, do którego przyłącza się urządzenia)**

power supply [N-COUNT-U4] A **power supply** is a device that provides energy to something. **tu: zasilacz**

presentation [N-COUNT-U14] A **presentation** is a process of formally introducing or demonstrating an idea to a group of people. **prezentacja**

processor [N-COUNT-U4] A **processor** is a computer part that allows programs to be interpreted and run. **procesor**

program [N-COUNT-U7] A **program** is a set of coded software that controls the operations of a computer or other electronic device. **program (komputerowy)**

programming [N-UNCOUNT-U15] **Programming** is the process of writing computer software. **programowanie**

programming language [N-COUNT-U7] A **programming language** is an artificial language used to express functions that can be performed by a computer or other machine. **język programowania**

programming software [N-UNCOUNT-U7] **Programming software** is an application that programmers use to create, fix, or support other programs or applications. **oprogramowanie narzędziowe**

programming-in-the-large [N-UNCOUNT-U1] **Programming-in-the-large** is an approach to writing complicated software that involves the work of many people over a long period of time. **programowanie na dużą skalę**

programming-in-the-small [N-UNCOUNT-U1] **Programming-in-the-small** is an approach to writing simple software that involves individuals or small groups of people. **programowanie na małą skalę**

project [V-T-U14] To **project** one's voice is to speak loudly so that people can hear it from a distance. **tu: mówić głośno i wyraźnie**

quarantine [V-T-U6] To **quarantine** a computer file is to separate it from others in order to prevent the spread of a virus. **poddawać kwarantannie (np. plik)**

reduce [V-T-U12] To **reduce** a fraction is to change it to a form with the lowest possible whole numbers. **tu: skrócić (ułamek)**

removal [N-UNCOUNT-U6] **Removal** is the act of taking something out of or away from somewhere. **usunięcie**

review [V-T-U14] To **review** something is to go over it closely and analyze or discuss its qualities. **przeglądać, przemyśliwać**

right-click [V-T-U10] To **right-click** something is to bring up available actions by clicking the button on the right side of the mouse. **kliknąć prawym przyciskiem myszy**

rise [N-COUNT-U13] A **rise** is the process of increasing in a quality or amount. (o trendzie) **wzrost**

route planning [N-UNCOUNT-U9] **Route planning** is the process of determining how to reach a destination. **planowanie trasy, podróży**

run [V-T-U10] To **run** something on a computer is to use a program or let it perform an action. **działać (o programie komputerowym)**

satellite navigation [N-UNCOUNT-U9] **Satellite navigation** is the process of determining a location using a map that receives information from satellites. **nawigacja satelitarna**

scanner [N-COUNT-U3] A **scanner** is an electronic device that copies images or documents and transfers them into a computer. **skaner**

Glossary

- scroll wheel** [N-COUNT-U3] A **scroll wheel** is a device on a mouse that allows the user to scroll. **rolka (w myszce)**
- security software** [N-UNCOUNT-U6] **Security software** is a computer program that is designed to protect a computer from threats such as viruses and unauthorized access. **oprogramowanie zabezpieczające**
- select** [V-T-U10] To **select** something is to use keystrokes or a mouse to mark something on a computer screen for a particular operation. **wybierać**
- server** [N-COUNT-U2] A **server** is a central computer that provides services or stores data for many other computers. **serwer**
- signpost** [V-I-U14] To **signpost** is to guide listeners through a sequence of ideas using clear directional wording. **dawać jasne komunikaty (słuchaczom) przy przechodzeniu do kolejnych punktów (np. wypowiedzi, prezentacji)**
- simulation** [N-COUNT-U9] A **simulation** is a representation of something that is designed to be very realistic. **symulacja**
- software** [N-UNCOUNT-U1] **Software** is a program or set of programs that perform particular functions or series of functions on a computer. **oprogramowanie**
- source code editor** [N-COUNT-U7] A **source code editor** is a text editor program that changes the source code of other computer programs. **edytor kodu źródłowego**
- spreadsheet** [N-COUNT-U8] A **spreadsheet** is a computer program that organizes information into columns and rows, and is often used to make calculations. **arkusz kalkulacyjny**
- spyware** [N-UNCOUNT-U6] **Spyware** is a type of malware that records personal information about a user, usually for the purpose of reporting it to an unauthorized party. **spyware, program szpiegujący**
- stabilize** [V-I-U13] To **stabilize** is to reach a state in which changes are infrequent. **(o trendach) stabilizować się**
- steady** [ADJ-U13] If something is **steady**, it doesn't change, or changes at a slow and constant rate. **stały, ustalony**
- subtract** [V-T-U11] To **subtract** one number from another number is to reduce it by that amount. **(działanie arytmetyczne) odejmować (np. liczby)**
- summarize** [V-T-U14] To **summarize** something is to briefly present its main points. **podsumować, streszczać**
- system software** [N-UNCOUNT-U5] **System software** is software that allows a user to operate a computer and run additional software on a computer. **oprogramowanie systemowe**
- tablet** [N-COUNT-U2] A **tablet** is a portable computer with a flat touch screen that is smaller than a laptop and usually does not have a physical keyboard. **tablet**
- test** [V-T-U1] To **test** something is to do or operate it to see what it does or whether it works properly. **testować, sprawdzać**
- text editor** [N-COUNT-U7] A **text editor** is a program that allows users to change and input information in a computer. **edytor tekstów**
- times** [PREP-U11] If a number is **times** another number, it is multiplied by that number. **(działanie arytmetyczne) razy, pomnożony przez**
- trend** [N-COUNT-U13] A **trend** is a consistent change or development. **trend**
- video editing** [N-UNCOUNT-U8] **Video editing** is the process of editing video sequences on a computer. **edycja obrazu video**
- virus** [N-COUNT-U6] A **virus** is a type of malware that usually damages a computer, and is designed to replicate itself and spread to other machines. **wirus (komputerowy)**
- visual aid** [N-COUNT-U14] A **visual aid** is a physical representation of an important part of a presentation, designed to support the speaker's ideas. **pomoc wizualna (np. używana w czasie prezentacji)**
- web browser** [N-COUNT-U8] A **web browser** is a program that is used to navigate the internet by displaying webpages and following hyperlinks. **przeglądarka internetowa**
- windowing system** [N-COUNT-U5] A **windowing system** is a user interface in which a computer's running applications are organized into visual boxes that a user can easily navigate. **system okien**
- wireless** [ADJ-U3] If a network is **wireless**, it does not use wires to connect computers. **bezprowadowy**
- word processing** [N-UNCOUNT-U8] **Word processing** is the process of entering and editing text for the production of text documents. **przetwarzanie tekstu**
- workstation** [N-COUNT-U2] A **workstation** is a powerful computer that can process complex tasks that typical desktops cannot handle, such as advanced graphics design. **stacja robocza**
- write** [V-T-U1] To **write** something is to form letters and words into sentences or instructions. **pisać (np, program komputerowy), zapisać (np. dane)**