Reto 5



Christian Rojas

Cristian García

Jon Manzanos

Aitor Sobera

Ibai Marín

Índice

[Anexo 2 3](#_Toc72923763)

# Anexo 2

**INGLES**

* **1.The smallest unit on a display screen or bitmapped image.**
  + **Pixel.**
  + **Aspect ratio.**
  + **Video adapter.**
  + **Plasma screen.**
    - [**https://i.pinimg.com/originals/f1/0d/3b/f10d3b4b7d0d39f40f4b4986edffeaf3.jpg**](https://i.pinimg.com/originals/f1/0d/3b/f10d3b4b7d0d39f40f4b4986edffeaf3.jpg)
      * **Each pixel is a sample of an original image; more samples typically provide more accurate representations of the original. The intensity of each pixel is variable. In color imaging systems, a color is typically represented by three or four component intensities such as red, green, and blue, or cyan, magenta, yellow, and black.**

* **2.An expansion card that generates the video signal sent to a computer display.**
  + **Video adapter.**
  + **Pixel.**
  + **Html.**
  + **Json.**
    - [**https://images-na.ssl-images-amazon.com/images/I/71As9OHSAzL.\_AC\_SY355\_.jpg**](https://images-na.ssl-images-amazon.com/images/I/71As9OHSAzL._AC_SY355_.jpg)
      * **A video adapter is a board that plugs into a personal computer to give it display capabilities. The display capabilities of a computer, however, depend on both the logical circuitry (provided in the video adapter) and the display monitor. A monochrome monitor, for example, cannot display colors no matter how powerful the video adapter.**
* **3.The width of the screen in proportion to its height.**
  + **Resolution.**
  + **Aspect ratio.**
    - [**https://us.123rf.com/450wm/nexusby/nexusby1701/nexusby170100406/69815354-aspect-ratio-de-iconos-16-9-16-10-4-3-21-9-pantalla-ancha-y-monitores-de-televisi%C3%B3n-est%C3%A1ndar-.jpg?ver=6**](https://us.123rf.com/450wm/nexusby/nexusby1701/nexusby170100406/69815354-aspect-ratio-de-iconos-16-9-16-10-4-3-21-9-pantalla-ancha-y-monitores-de-televisi%C3%B3n-est%C3%A1ndar-.jpg?ver=6)
      * **It is commonly expressed as two numbers separated by a colon, as in *16:9*. For an *x*:*y* aspect ratio, the image is *x* units wide and *y* units high.**
* **4.The number of bits used to hold a colour pixel.**
  + **Color depth.**
  + **Xml.**
  + **Php.**
    - [**https://cdn.cambridgeincolour.com/images/tutorials/bitdepth\_08bpp\_580.png**](https://cdn.cambridgeincolour.com/images/tutorials/bitdepth_08bpp_580.png)
      * **Color depth is only one aspect of color representation, expressing the precision with which the amount of each primary can be expressed; the other aspect is how broad a range of colors can be expressed (the gamut). The definition of both color precision and gamut is accomplished with a color encoding specification which assigns a digital code value to a location in a color space.**
* **5.The number of pixels contained in a display, horizontally and vertically.**
  + **Screen.**
  + **Resolution.**
    - [**https://support.humblebundle.com/hc/article\_attachments/360008054853/Resolutions.png**](https://support.humblebundle.com/hc/article_attachments/360008054853/Resolutions.png)
      * **It can be an ambiguous term especially as the displayed resolution is controlled by different factors in cathode ray tube (CRT) displays, flat-panel displays and projection displays using fixed picture-element (pixel) arrays. It is usually quoted as *width × height*, with the units in pixels: for example, *1024 × 768* means the width is 1024 pixels and the height is 768 pixels.**
* **6.Also called “gas discharge display”.**
  + **Pixel.**
  + **CPU.**
  + **Computer.**
  + **Plasma screen.**
    - [**https://cdn.mos.cms.futurecdn.net/ShGtNKt7NabxhpSYqjwhZF.jpg**](https://cdn.mos.cms.futurecdn.net/ShGtNKt7NabxhpSYqjwhZF.jpg)
      * **Is a type of flat panel display that uses small cells containing plasma: ionized gas that responds to electric fields.**
* **7.What technology is used by active-matrix LCDS?**
  + **TFT.**
  + **XML.**
  + **PDP.**
    - [**https://www.researchgate.net/profile/Adam-Zocco/publication/308056605/figure/fig1/AS:405932438769665@1473793243685/Structure-of-a-thin-film-transistor-in-a-bottom-up-top-contact-staggered-configuration.png**](https://www.researchgate.net/profile/Adam-Zocco/publication/308056605/figure/fig1/AS:405932438769665@1473793243685/Structure-of-a-thin-film-transistor-in-a-bottom-up-top-contact-staggered-configuration.png)
      * **A thin-film transistor (TFT) is a special type of metal–oxide–semiconductor field-effect transistor made by depositing thin films of an active semiconductor layer as well as the dielectric layer and metallic contacts over a supporting  substrate.**
* **8.What is this?**
  + **CD.**
  + **Printer.**
  + **CPU.**
  + **Router.**
    - [**https://images-na.ssl-images-amazon.com/images/I/91DlzPRjSaL.\_AC\_SL1500\_.jpg**](https://images-na.ssl-images-amazon.com/images/I/91DlzPRjSaL._AC_SL1500_.jpg)
      * **In computing, a printer is a peripheral machine which makes a persistent representation of graphics or text, usually on paper.**
* **9.What is this?**
  + **Router.**
  + **Monitor.**
  + **Keyboard.**
    - [**https://i.blogs.es/5d3064/img-1/1366\_2000.jpeg**](https://i.blogs.es/5d3064/img-1/1366_2000.jpeg)
      * **A routeris a networking device that forwards data packets between computer networks. Routers perform the traffic directing functions on the Internet.**
* **10.The brain of the computer is...**
  + **Output.**
  + **Hard drive.**
  + **Main memory.**
    - **https://upload.wikimedia.org/wikipedia/commons/d/db/Swissbit\_2GB\_PC2-5300U-555.jpg**
      * **In computing, memory is a device or system that is used to store information for immediate use in a computer or related computer hardware and digital electronic devices.**
* **11.We use “chmod” to…**
  + **Changes the owner of a RegistryObject.**
  + **Create txt.**
  + **File permissions.**
    - [**https://www.maketecheasier.com/assets/uploads/2020/10/chmod-permissions-linux-macos-800x400.jpg.webp**](https://www.maketecheasier.com/assets/uploads/2020/10/chmod-permissions-linux-macos-800x400.jpg.webp)
      * **A file control mechanism that determines** [**who can access**](https://www.maketecheasier.com/use-sticky-bit-manage-files-shared-directories-linux/) **a particular file or folder and what they can do with it.**
* **12. Which device is used to input text and graphic images from a printed page?**
  + **Scanner.**
  + **Memory card.**
    - [**https://us.123rf.com/450wm/destinacigdem/destinacigdem1905/destinacigdem190500071/123402777-modern-scanner-isolated-on-white-background-3d-illustration-.jpg?ver=6**](https://us.123rf.com/450wm/destinacigdem/destinacigdem1905/destinacigdem190500071/123402777-modern-scanner-isolated-on-white-background-3d-illustration-.jpg?ver=6)
      * **Is a device that optically scans images, printed text, handwriting or an object and converts it to a** [**digital image**](https://en.wikipedia.org/wiki/Digital_image)**. Commonly used in offices are variations of the desktop flatbed scanner where the document is placed on a glass window for scanning.**
* **13.Which device would you use to take digital video?**
  + **Digital video camera.**
  + **Camcorder.**
  + **Scanner.**
  + **Hard drive.**
* **14.It produces UPPERCASE characters.**
  + **Shift.**
  + **Ctrl.**
  + **Backspace.**
  + **Tab.**
    - [**https://blog.gstarcad.net/wp-content/uploads/2018/11/4-SHIFT-key-combination-you-might-not-know11.png**](https://blog.gstarcad.net/wp-content/uploads/2018/11/4-SHIFT-key-combination-you-might-not-know11.png)
      * **Is a modifier key on a keyboard, used to type capital letters and other alternate "upper" characters. There are typically two shift keys, on the left and right sides of the row below the home** [**row**](https://en.wikipedia.org/wiki/Home_row)**.**
* **15.They are used to move the cursor, as an alternative to the mouse.**
  + **Arrow keys.**
  + **Return/Enter.**
  + **Caps Lock.**
    - [**https://blog.gstarcad.net/wp-content/uploads/2018/11/4-SHIFT-key-combination-you-might-not-know11.png**](https://blog.gstarcad.net/wp-content/uploads/2018/11/4-SHIFT-key-combination-you-might-not-know11.png)
      * **Arrow keys or cursor movement keys are buttons on a computer keyboard that are either programmed or designated to move the cursor in a specified direction.**
* **16.A source program is converted into machine code by software.**
  + **Compiler.**
  + **Compile.**
  + **Compilation.**
    - [**https://miro.medium.com/max/500/1\*Qbm5\_d5EYIbYa1-jN4JmSg.jpeg**](https://miro.medium.com/max/500/1*Qbm5_d5EYIbYa1-jN4JmSg.jpeg)
      * **In computing, a compiler is a computer program that translates computer code written in one programming language (the source language) into another language (the target language).**
* **17. Any error or malfunction of a computer program.**
  + **Bug.**
  + **Debugger.**
  + **Debug.**
  + **Debugging.**
    - [**https://1.bp.blogspot.com/-UDs-CZW66-E/XXFNJnmor7I/AAAAAAAA7U8/YHjApQE4WZUbe4n3BJkZg62ZE8koqNu1QCLcBGAs/s1600/BugTI.jpg**](https://1.bp.blogspot.com/-UDs-CZW66-E/XXFNJnmor7I/AAAAAAAA7U8/YHjApQE4WZUbe4n3BJkZg62ZE8koqNu1QCLcBGAs/s1600/BugTI.jpg)
      * **A software bug is an error, flaw or fault in a computer program or system that causes it to produce an incorrect or unexpected result, or to behave in unintended ways.**
* **18.The process of writing a program using a computer language.**
  + **Programming.**
  + **Program.**
  + **Programmers.**
  + **Programmable.**
    - [**https://justdigital.agency/wp-content/uploads/2017/09/pair-programing-main-1024x572.jpg**](https://justdigital.agency/wp-content/uploads/2017/09/pair-programing-main-1024x572.jpg)
      * **Computer programming is the process of designing and building an executable computer program to accomplish a specific computing result or to perform a specific task.**
* **19.Program instructions written in a particular computer language.**
  + **Source code.**
  + **Flowchar.**
  + **Program.**
    - **https://forococheselectricos.com/wp-content/uploads/2020/11/source-code-scaled.jpg**
      * **In computing, source code is any collection of code, with or without comments, written using a human-readable programming language, usually as plain text.**
* **20.The techniques of detecting and correcting errors(or bugs) which may occur in programs.**
  + **Debugging.**
  + **Source code.**
  + **Bug.**
    - [**https://kinsta.com/es/wp-content/uploads/sites/8/2020/04/wordpress-debug.png**](https://kinsta.com/es/wp-content/uploads/sites/8/2020/04/wordpress-debug.png)
      * **In computer programming and software development, debugging is the process of finding and resolving bugs (defects or problems that prevent correct operation) within computer programs, software, or systems.**
* **21.A diagram representing the successive logical steps of the program.**
  + **Flowchart.**
  + **Compiler.**
    - [**https://cdn-images.visual-paradigm.com/features/v15/1/flowchart-maker/flowchart-maker.png**](https://cdn-images.visual-paradigm.com/features/v15/1/flowchart-maker/flowchart-maker.png)
      * **A flowchart is a type of diagram that represents a workflow or process. A flowchart can also be defined as a diagrammatic representation of an algorithm, a step-by-step approach to solving a task.**
* **22.The basic instructions understood by computers it consists of 1s and 0s**
  + **Machine code.**
  + **Debugging.**
  + **Source code.**
  + **Computer.**
    - [**https://upload.wikimedia.org/wikipedia/commons/c/c0/W65C816S\_Machine\_Code\_Monitor.jpeg**](https://upload.wikimedia.org/wikipedia/commons/c/c0/W65C816S_Machine_Code_Monitor.jpeg)
      * **Machine code is a computer program written in machine language. It uses the instruction set of a particular computer architecture. It is usually written in binary.**
* **23.Which allows us to describe how information will be displayed on web pages.**
  + **HTML.**
  + **XML.**
  + **VoiceXML.**
    - [**https://blog.hubspot.es/hubfs/como-hacer-una-pagina-web-en-html.jpg**](https://blog.hubspot.es/hubfs/como-hacer-una-pagina-web-en-html.jpg)
      * **The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.**
* **24.Pascal is used in universities to teach the fundamentals of programming**
  + **True.**
  + **False.**
    - **https://upload.wikimedia.org/wikipedia/commons/thumb/3/32/LagrangePAS.png/300px-LagrangePAS.png**
      * **Pascal is an imperative and** [**procedural**](https://en.wikipedia.org/wiki/Procedural_programming)[**programming language**](https://en.wikipedia.org/wiki/Programming_language)**, designed by** [**Niklaus Wirth**](https://en.wikipedia.org/wiki/Niklaus_Wirth) **as a small, efficient language intended to encourage good programming practices using** [**structured programming**](https://en.wikipedia.org/wiki/Structured_programming) **and** [**data structuring**](https://en.wikipedia.org/wiki/Data_structure)**.**
* **25.Java applets provide animation and interactive features on web pages.**
  + **True.**
  + **False.**
    - [**https://i.blogs.es/53044d/java/1366\_521.jpg**](https://i.blogs.es/53044d/java/1366_521.jpg)
      * **Java is a** [**high-level**](https://en.wikipedia.org/wiki/High-level_programming_language)**,** [**class-based**](https://en.wikipedia.org/wiki/Class-based_programming)**,** [**object-oriented**](https://en.wikipedia.org/wiki/Object-oriented_programming)[**programming language**](https://en.wikipedia.org/wiki/Programming_language) **that is designed to have as few implementation** [**dependencies**](https://en.wikipedia.org/wiki/Dependency_(computer_science)) **as possible.**
* **26.XML allows us to create our own tags to describe our data better.**
  + **True.**
  + **False.**
    - [**https://uvaciberperiodismo.files.wordpress.com/2019/04/aaaf16bd5ddec.png**](https://uvaciberperiodismo.files.wordpress.com/2019/04/aaaf16bd5ddec.png)
      * **Extensible Markup Language (XML) is a** [**markup language**](https://en.wikipedia.org/wiki/Markup_language) **that defines a set of rules for encoding** [**documents**](https://en.wikipedia.org/wiki/Electronic_document) **in a** [**format**](https://en.wikipedia.org/wiki/File_format) **that is both** [**human-readable**](https://en.wikipedia.org/wiki/Human-readable_medium) **and** [**machine-readable**](https://en.wikipedia.org/wiki/Machine-readable_data)**.**
* **27.The nerve centre of a PC is the RAM.**
  + **False.**
  + **True.**
    - [**https://i.blogs.es/3ce3df/ddr5/1366\_521.jpg**](https://i.blogs.es/3ce3df/ddr5/1366_521.jpg)
      * **The nerve centre of a PC is the processor, also called CPU, or central processing unit.**
* **28.ROM is non-volatile, containing instructions and routines for the basic operations of the screen.**
  + **False.**
  + **True.**
    - [**https://miracomosehace.com/wp-content/uploads/2020/05/memoria-rom-gris.jpg**](https://miracomosehace.com/wp-content/uploads/2020/05/memoria-rom-gris.jpg)
      * **ROM is non-volatile, containing instructions and routines for the basic operations of the CPU.**
* **29. Exact memory amount in the byte is…**
  + **8 bits.**
  + **1032 bits.**
  + **0 bits.**
  + **1 bits.**
    - [**https://terminosaudiovisuales.es/wp-content/uploads/byte.png**](https://terminosaudiovisuales.es/wp-content/uploads/byte.png)
      * **The byte is a** [**unit of digital information**](https://en.wikipedia.org/wiki/Units_of_information) **that most commonly consists of eight** [**bits**](https://en.wikipedia.org/wiki/Bit)**.**
* **30. Software that can run on any operating system.**
  + **Platform-independent.**
  + **Java.**
  + **Plug-in.**
    - [**https://sandeepdass003.files.wordpress.com/2016/06/api\_platform-independent.jpg**](https://sandeepdass003.files.wordpress.com/2016/06/api_platform-independent.jpg)
      * **Platform independence is a term that describes a technology that you can use to implement things on one machine and use them on another machine without (or with minimal) changes.**