

# Activity Session Three

Watch the [video](#) and answer the questions

- 1. What is programming?  
Giving instructions to a computer, clearly and specifically, in a language it understands
- 2. What components do computers use and what is the main language of computers?
- 3. Los componentes que usan los computadores son los transistores y el lenguaje principal es el lenguaje de maquina o lenguaje binario.
- 4. What does Assembly do?

Assembly language tells the computer what to do using simple commands like "move," "add," or "compare." It's like giving direct orders to the computer's brain. According to its level of classification it allows us several levels of abstraction

Machine code	Assembly
b8 21 0a 00 00	global _main
a3 0c 10 00 06	extern _printf
b8 6f 72 6c 64	section .text
a3 08 10 00 06	_main:
b8 6f 2c 20 57	push message
a3 04 10 00 06	call _printf
b8 48 65 6c 6c	add esp, 4
a3 00 10 00 06	ret
b9 00 10 00 06	message:
	db 'Hello, World', 10, 0

- 5. What is Scratch?  
Scratch is a visual programming language designed for beginners, especially children, so that everyone can get started in programming. To learn programming concepts through a simple and intuitive interface.
- 6. What are some examples of high-level programming languages mentioned in the video, and why are they preferred over low-level languages  
Java, Python, Javascript y Scratch. They are preferable because they allow versatility in programming, as well as ease of writing and understanding the program.
- 7. Is HTML a programming language? What is it used for?  
Not a programming language. Describes the content of a web page.