

Computer programming languages



You and your friend are training to become IT specialists.

You have to decide which programming language you are going to learn next.

Task 1: What is a programming language?



What do you know about programming languages? Talk to a partner and fill in the table. You don't need to go into details.



What is a programming language?	A programming language is a formal system of rules and instructions used to write software programmes that can be executed by a computer.
What are low level and high-level programming languages?	high level: low level:

Task 2: Types of programming languages



Watch the video and answer the questions below.



1	What is the definition of a "programme"?	set of instructions that tells the computer what to do in order to come up with a solution to a particular problem
2	What is the definition of a "programming language"?	formal language designed to communicate instructions to a computer

	of a “programming language”?	
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Englisch 11. Klasse

Computer languages



3	Why are low level languages called “low-level”?	close to how different hardware elements communicates with each other
4	What are the two types of low-level languages?	machine language (no need to translate) assembly language (set of symbols & letters)
5	What does an “assembler” do?	translate from assembly language to machine language
6	What is a “high-level language”?	programming language that uses English & mathematical symbols in instructions
7	What are the advantages of high-level languages?	most often used closer to human logic portable
8	What are compilers and interpreters needed for?	used to translate high level language to machine language

	needed for	
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