

AQA Computer Science A Level

4.6.2 Classification of programming languages

Flashcards

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Which type of programming language is this?

01010101

11010110

01001011

10110110



Which type of programming language is this?

01010101
11010110
01001011
10110110

Machine code



Which are processor specific: low-level languages or high-level languages?



Which are processor specific: low-level languages or high-level languages?

Low-level languages



Which type of language uses mnemonics in instructions?



Which type of language uses mnemonics in instructions?

Assembly language



Which type of languages must be translated into machine code with a compiler or interpreter before execution?



Which type of languages must be translated into machine code with a compiler or interpreter before execution?

High-level languages



Which type of language uses only the binary values 1 and 0 in instructions?



Which type of language uses only the binary values 1 and 0 in instructions?

Machine code



Which type of language supports
built-in functions?



Which type of languages support built-in functions?

High-level languages



Which type of programming language is this?

```
STR R4, #45
```

```
ADD R1, R2, 3
```

```
MOV R2, R1
```

```
HALT
```



Which type of programming language is this?

```
STR R4, #45  
ADD R1, R2, 3  
MOV R2, R1  
HALT
```

Assembly language



Which type of language specifies how the computer should complete a task, rather than what a computer should do?



Which type of language specifies how the computer should complete a task, rather than what a computer should do?

Imperative high-level language



Are high-level languages platform specific?



Are high-level languages platform specific?

No

