

0 1 . 1 What is the stored program concept?

[2 marks]

0	2	.	1
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 Describe the stored program concept.**[2 marks]**

03.1 Describe the stored program concept.

[2 marks]

0	4
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A student has written a computer program using an imperative high-level programming language. The program could be translated using either a compiler or an interpreter.

Describe the steps that must be completed to translate and execute the program.

Your description should include:

- why translation is necessary
- the differences between how a compiler and an interpreter would translate the program
- how the machine code instructions that are used to carry out the program will be fetched and executed by the processor from main memory.

[12 marks]

[illegible]

[illegible]

0	5	.	1
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Shade **one** lozenge to indicate which of these statements about a computer that uses the stored program concept is **false**.

[1 mark]

A Instructions are fetched and executed in sequence.

☐

B The computer can only be used with one program.

☐

C The data is stored in the main memory.

☐

D The program is stored in the main memory.

☐