

Oxford Revise | OCR Computer Science | Answers

Chapter 18 Values and variables

Question	Answer	Extra information	Marks	AO / Specification reference												
1	<table border="1"> <thead> <tr> <th>Data type</th> <th>Description</th> <th>Sample data</th> </tr> </thead> <tbody> <tr> <td>Boolean</td> <td>Can either be true or false</td> <td>True</td> </tr> <tr> <td>Character</td> <td>A single character</td> <td>'x'</td> </tr> <tr> <td>Integer</td> <td>A whole number</td> <td>27</td> </tr> </tbody> </table>	Data type	Description	Sample data	Boolean	Can either be true or false	True	Character	A single character	'x'	Integer	A whole number	27	<p>1 mark for each correct answer up to 6 marks.</p> <p>The answers given are examples and other correct answers are also acceptable.</p> <p>It is usually expected that characters are enclosed with single quotes.</p> <p>The shaded area is given in the question.</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>AO1/AO2</p> <p>2.2.2</p>
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2	<p>Variable: <code>name = "Peter"</code></p> <p>Constant: <code>const number = 2025</code></p>	<p>1 mark for each correct assignment up to 2 marks.</p> <p>The identifiers should be any meaningful name, but the constant also needs the command word <code>const</code>.</p>	<p>1</p> <p>1</p>	<p>AO2</p> <p>2.2.1</p>
3	<p>Two from:</p> <p>Always begin with a letter of the alphabet</p> <p>Include only letters, numbers, and underscore</p> <p>Use a name that reminds you of the value that is stored</p> <p>Keep the name short to avoid typing errors</p> <p>Don't use command words as identifiers.</p>	<p>1 mark for each correct statement up to 2 marks.</p> <p>The answers listed are examples and other correct answers are also acceptable.</p>	<p>1</p> <p>1</p>	<p>AO1</p> <p>2.3.1</p>