

Oxford Revise | OCR Computer Science | Answers

Chapter 20 Inputs and outputs

Question	Answer	Extra information	Marks	AO / Specification reference
1	<pre>num1 = input("Enter first number") num2 = input("Enter second number") num3 = input("Enter third number") total = num1 + num2 + num3 print ("The total is " + total) average = total / 3 print ("The average is " + average)</pre>	<p>Marking points:</p> <ul style="list-style-type: none"> • Input of three numbers • Prompt for all three inputs (individual or a single prompt) • Calculation of total • Output of total • Calculation and output of average • All steps in the correct order. 	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>AO3</p> <p>2.1.2/2.2.1</p>

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2	<code>newvar = str(value)</code>	Correct answer.	1	AO3 2.2.2

Question	Answer	Extra information	Marks	AO / Specification reference
3	<pre> graph TD Start([START]) --> Output1[/output "Input three numbers"/] Output1 --> Input[/input num1, num2, num3/] Input --> Process1[total = num1 + num2 + num3] Process1 --> Output2[/output total/] Output2 --> Process2[average = total / average] Process2 --> Output3[/output average/] Output3 --> End([END]) </pre>	<p>Marking points:</p> <ul style="list-style-type: none"> • Start, End, and all boxes connected together • Correct prompt and inputs • Correct total calculation and output • Correct average calculation and output • All steps follow the correct sequence. <p>Note: as the algorithm is demonstrating sequence, it is advisable to place the steps in the order given in the question.</p>	<p>1 1 1 1 1</p>	<p>AO3 2.1.2/2.2.1</p>

