

Task 2	Answer	MAX 9
	<p>Brackets+Bold text indicate other accepted Pseudocode.</p> <p>Accept i,j,k for loops, accept any other meaningful variable name.</p> <p>Amendments to check for zero entered or divide by zero error (and any further validation) accepted not expected.</p> <p>Line numbers not necessary Ignore indentation or lack of it. Ignore type/casting problems.</p> <p>Accept alternative solutions as long as they provide the same result.</p> <p>Accept some logical check on the continuous loop to end if an error/rogue value is encountered. (Accepted not expected.)</p> <p>Ignore typecasting issues.</p> <p>The solution provides <u>all</u> correct outputs</p> <pre> Declare noBooks as integer = 0 Declare currentPrice as real = 0 Declare totalPrice as real = 0 Declare meanPrice as real = 0 Declare discount as real = 0 output "Input number of books being purchased:" input noBooks For i = 1 to noBooks output "Input price of book in £:" input currentPrice totalPrice=totalPrice+currentPrice next i output "Total Price:£" + totalPrice meanPrice=totalPrice/noBooks </pre>	<p>Award:</p> <p>1 mark</p> <p>Condone no declarations</p> <p>1 (output a string/literal)</p> <p>1 (input to a variable)</p> <p>1 mark (correct loop)</p> <p>1 (calculate and output totalPrice)</p> <p>1 (calculate and output meanPrice)</p>

	<pre> output "Mean Price:£" + meanPrice if totalPrice > 50 OR meanPrice > 10 then output "Discount Earned." discount = totalPrice/10 output "Amount of discount:£" & discount end if End </pre>	<p>1 (if statement for discount)</p> <p>1 (correctly using the OR operator)</p> <p>1 (calculate and output discount)</p>
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