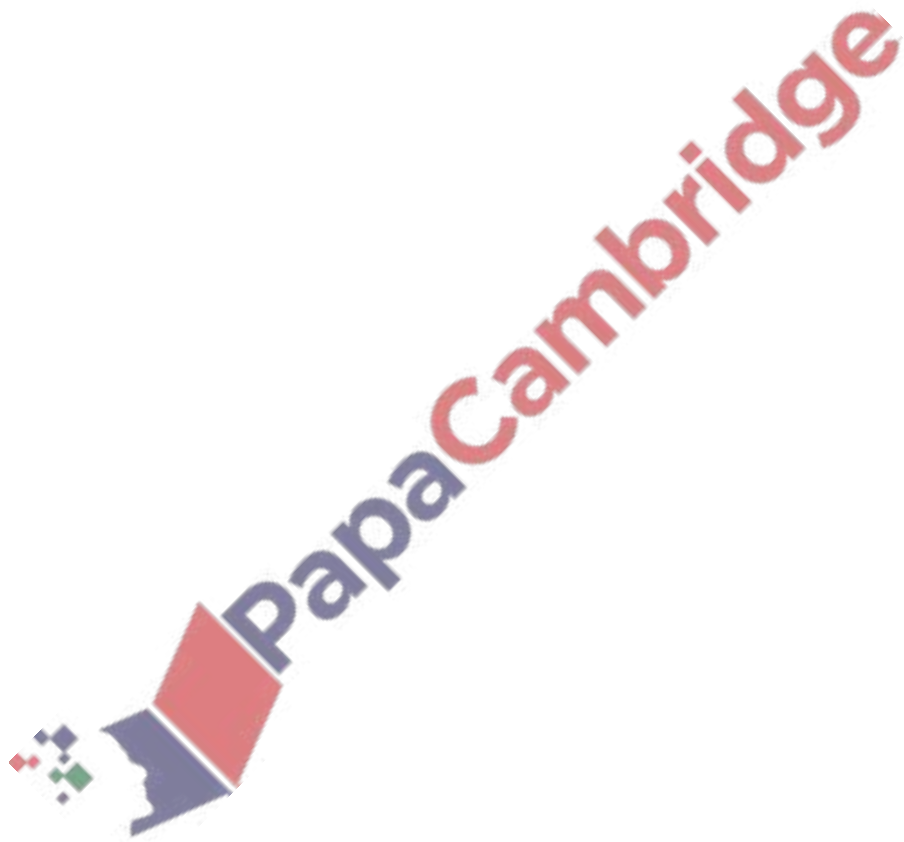




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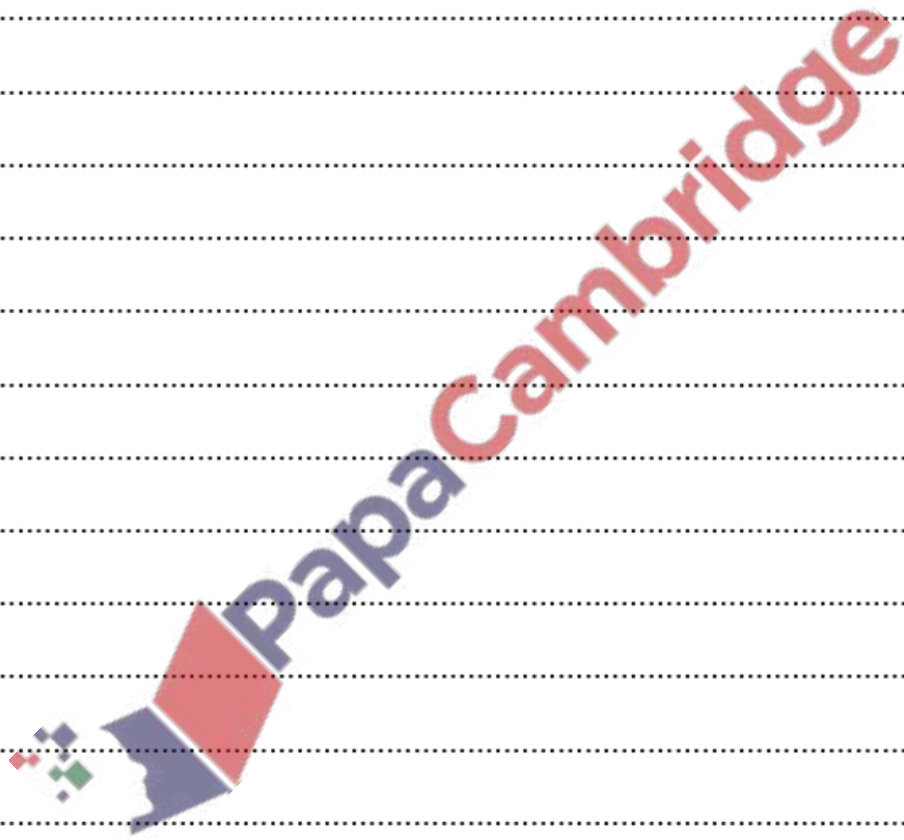
[6]







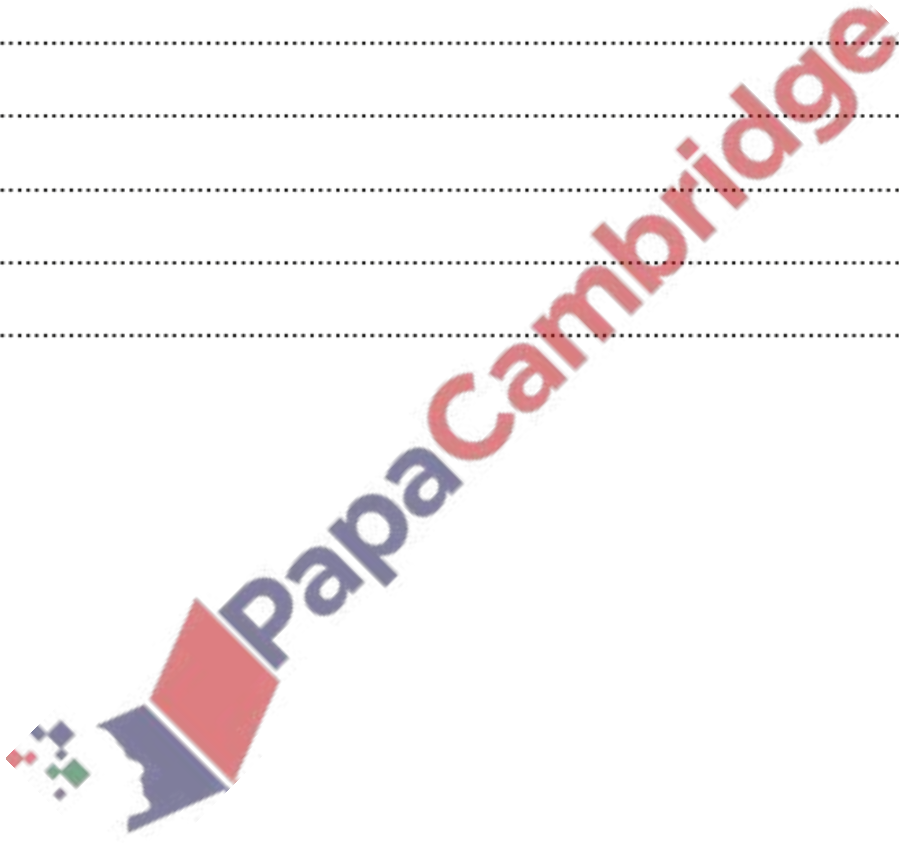




(e) Describe how you could alter your program to allow more than one computer to be bought.

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3. Nov/2020/Paper\_22/No.4

This pseudocode algorithm allows 5000 numbers to be entered and stored in an array called Number.

```
FOR Count ← 1 TO 5000
  INPUT Number[Count]
NEXT Count
```

Extend and re-write the algorithm using pseudocode to also count and output how many of the numbers stored in the array are greater than 500, using the variable Higher. Only output Higher once with an appropriate message.

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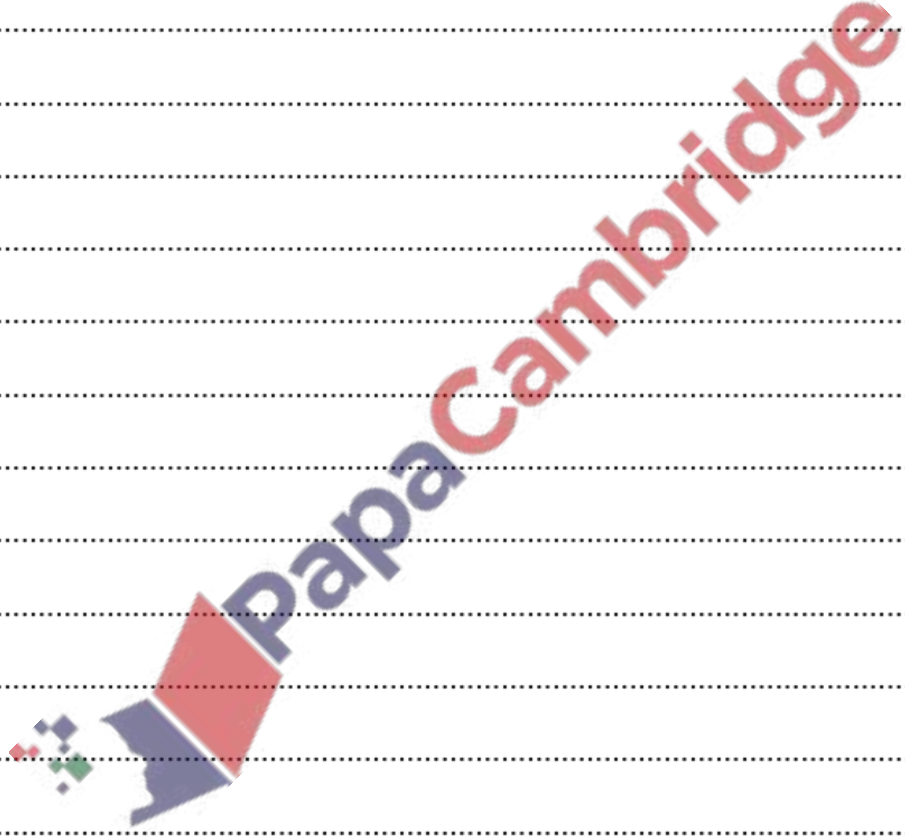
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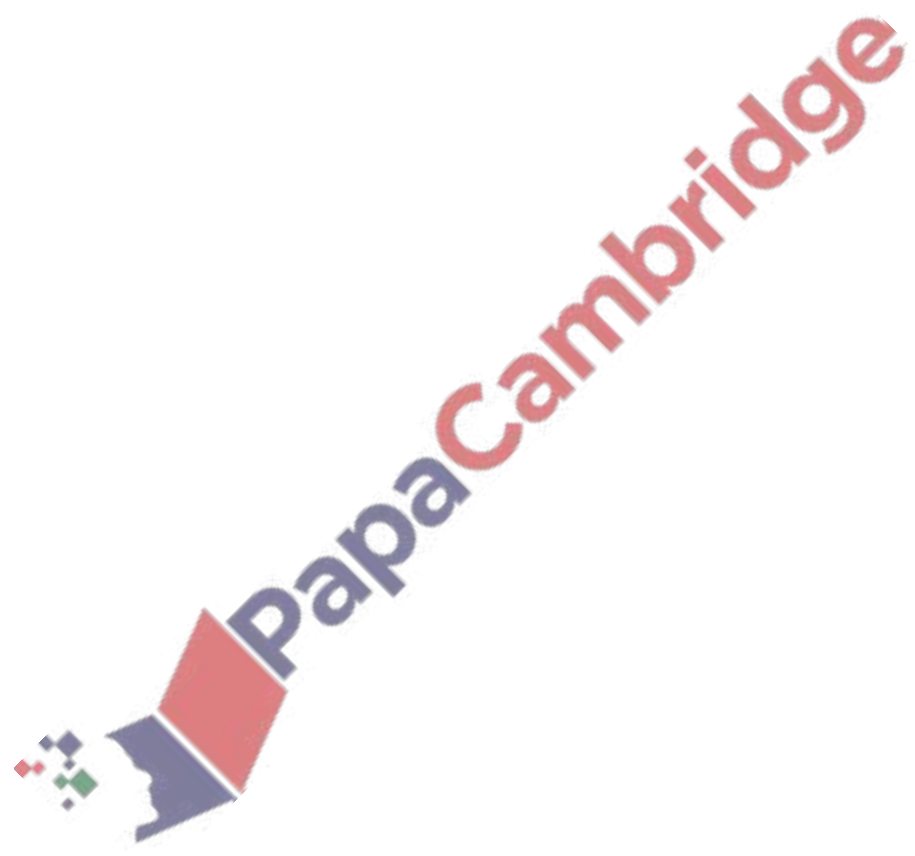
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4. Nov/2020/Paper\_23/No.1(b),(c),(d)

(b) (i) Write an algorithm to allow a customer to choose the filling and salad items for their baguette (part of **Task 1**), using **either** pseudocode, programming statements **or** a flowchart. Your algorithm must only include this part of **Task 1**.

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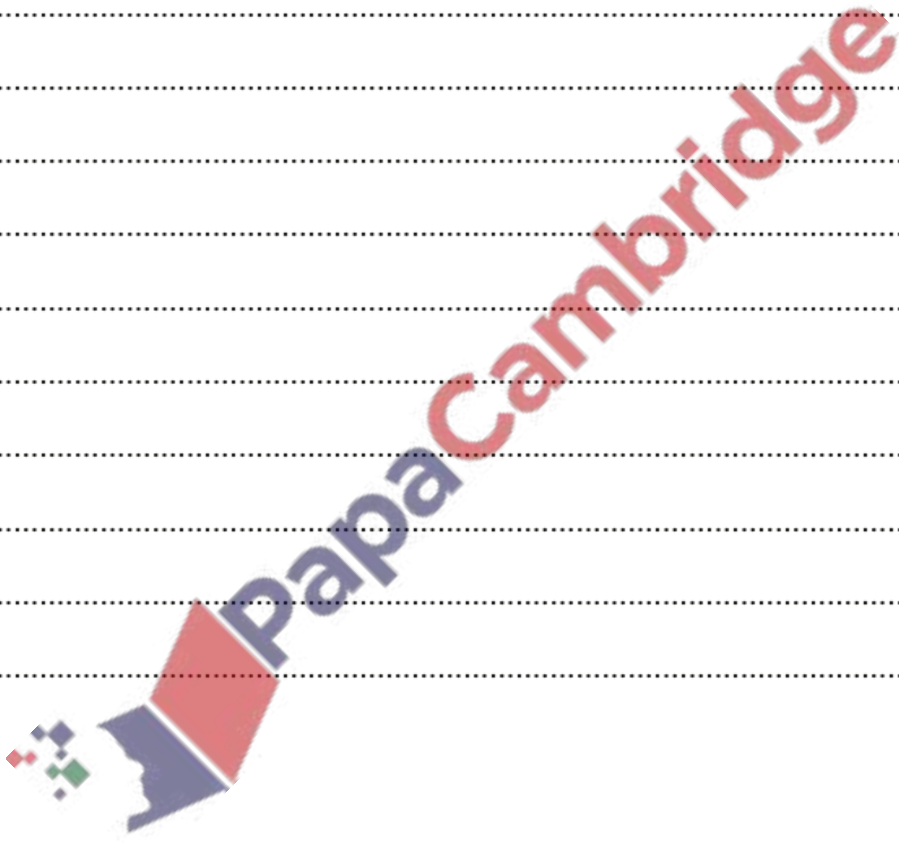
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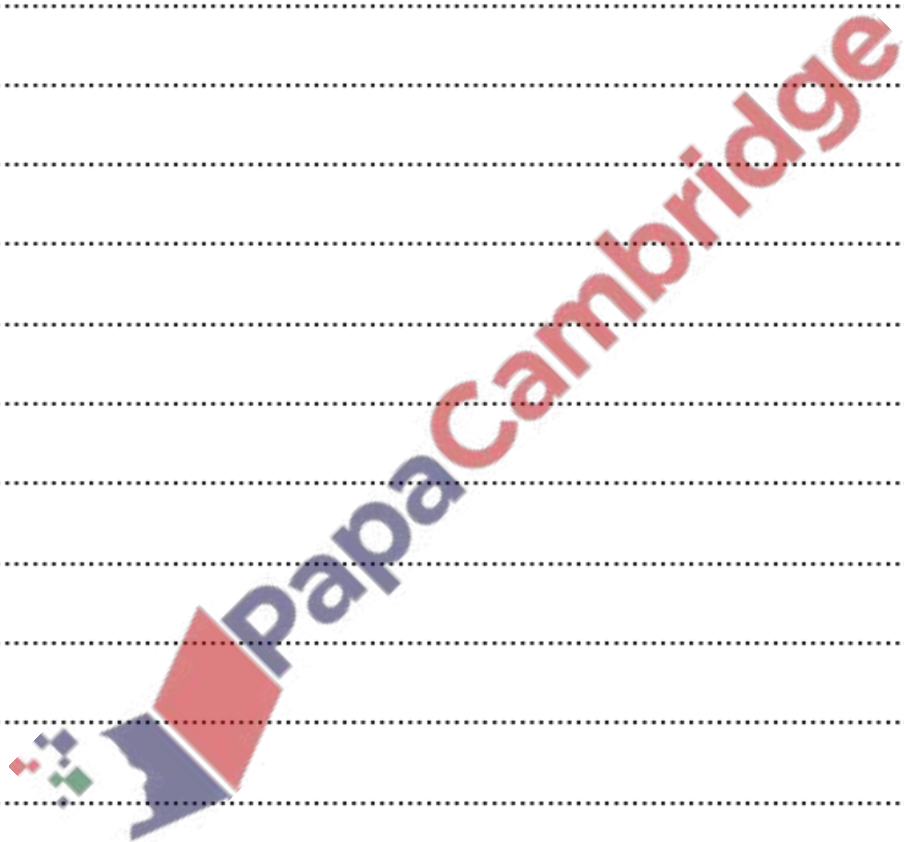
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(ii) Explain how your algorithm in **part (b)(i)** ensured that only valid choices were accepted for the filling.

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(c) Explain how you would need to change your program for **Task 1** if there were three sizes of baguette to choose from (15 cm, 20 cm and 30 cm).

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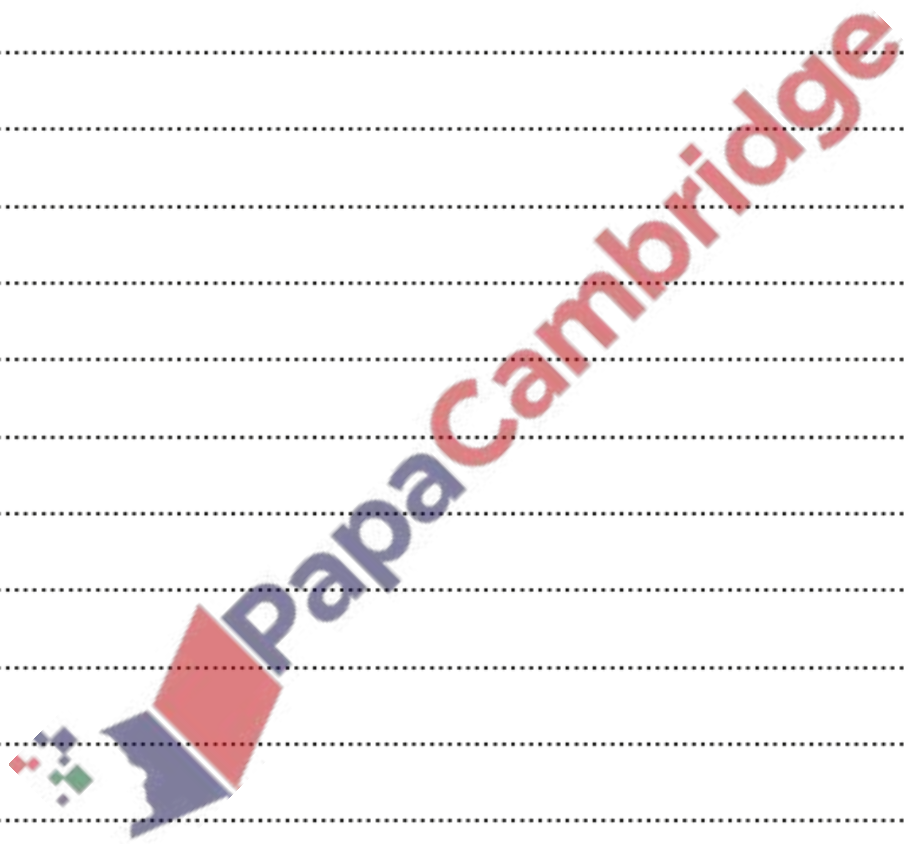
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6. June/2020/Paper\_21/No.4(c)

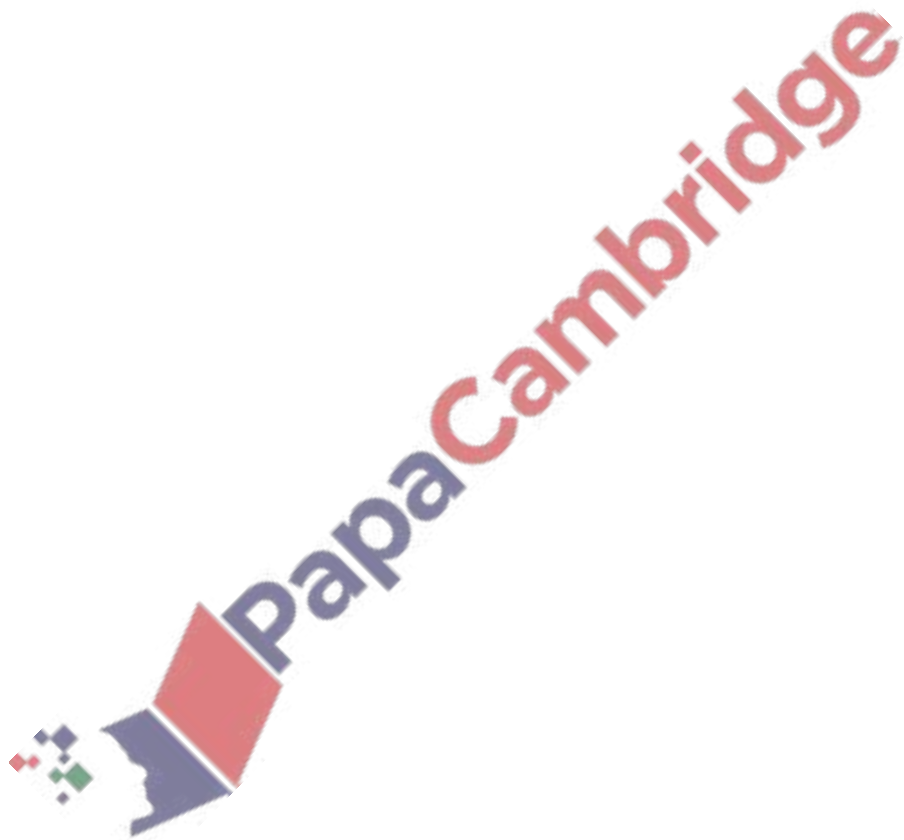
(c) Describe how you could change your pseudocode in **part (b)** so that it prevents numbers below 100 and above 200 from being stored in the array `Values[ ]`

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7. June/2020/Paper\_22/No.1(d)

(d) Write an algorithm for part of **Task 2** that simulates customer payment and calculating total payments using **either** pseudocode, programming statements **or** a flowchart. Assume that **Task 1** has been completed.

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