6 This pseudocode represents an algorithm.

```
DECLARE Store : ARRAY[1:100] OF CHAR
DECLARE Word : STRING
DECLARE Index : INTEGER
DECLARE Letter : CHAR
INPUT Word
FOR Index ← 1 TO LENGTH(Word)
    Letter ← SUBSTRING(Word, Index, 1)
    CASE OF Letter
      'A' : Letter ← ""
      'E' : Letter ← ""
      'I' : Letter ← ""
      'O' : Letter ← ""
      'U' : Letter ← ""
    ENDCASE
    Store[Index] ← Letter
NEXT Index
FOR Index ← 1 TO LENGTH(Word)
    IF Store[Index] <> ""
      THEN
        OUTPUT Store[Index]
    ENDIF
NEXT Index
```

(a) Complete the trace table for the algorithm, using input data: COMPUTER

			Store[]								
Word	**Index**	**Letter**	**[1]**	**[2]**	**[3]**	**[4]**	**[5]**	**[6]**	**[7]**	**[8]**	**OUTPUT**

[5]

(b) Describe the processes in the algorithm.

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