

001 An algorithm a day...

Algorithm Question

Write an algorithm in pseudocode which:

- asks the user to input 2 numbers
- outputs the larger of the two numbers along with a suitable message

[5 marks]

Algorithm Example Answer

Write an algorithm in pseudocode which:

- asks the user to input 2 numbers
 - outputs the larger of the two numbers along with a suitable message
- [5 marks]

*****There are always different ways to solve a problem. This algorithm is just an example. What is important is that the logic is correct!*****

LOGIC:

- **A first number is inputted and stored**
- **A second number is inputted and stored**
- **A comparison is made to see which number is larger**
- **The larger number is outputted...**
- **...along with a suitable message**

EXAMPLE ALGORITHM:

```
INPUT num1
INPUT num2
IF num1 > num2 THEN
    OUTPUT num1 + "is the largest number"
ELSE
    OUTPUT num2 + "is the largest number"
END-IF
```