Algorithm Question

In a factory, the wages earned by a worker is either £2 for every teddy bear they have made or £5 for every hour they have worked, whichever is higher.

Write an algorithm in pseudocode which:
- Allows the user to input the number of teddy bears made and the number of hours worked
- Calculates the wages for the number of teddy bears made
- Calculates the wages for the number of hours worked
- Outputs the larger of the two results.

[6 marks]
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***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:
- Inputting teddy bears and hours
- 2 * number of teddy bears
- 5 * hours
- Comparing the two answers
- Outputting the piece rate if it is greater
- Outputting the hour rate if it is greater.

EXAMPLE ALGORITHM:

```
INPUT TeddyBears
INPUT Hours
PerTeddyBear = 2 * TeddyBears
PerHour = 5 * Hours
IF PerTeddyBear > PerHour THEN
    OUTPUT PerTeddyBear
ELSE
    OUTPUT PerHour
END IF
```