

12 Jim is writing a program to calculate the wages of workers in a teddy bear factory.

(a) Jim uses an Integrated Development Environment (IDE) to create the program.

Describe **two** tools in an IDE that can help Jim when creating the program.

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[4]

(b) Workers sometimes get a £50 bonus.

Here is the algorithm used to calculate whether a worker should get a bonus.

```
Limit = 200
INPUT WagesEarned
IF WagesEarned < Limit THEN
    Pay = WagesEarned
ELSE
    Pay = WagesEarned + 50
END IF
```

State the value of Pay after this code is executed for each of the following values of WagesEarned.

WagesEarned = 50 Pay =

WagesEarned = 200 Pay =

[2]

