

4. Write an algorithm for a computer program that does the following:

- The user inputs three numbers as x1, x2 and x3
- If two (or three) of the numbers are the same, the program outputs "Pair"
- Otherwise, the program outputs "No pair"

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(5)

(Total 5 Marks)

Level: 7

5. Frankie and Andre are playing a game. They each roll a dice seven times. The winner is the person who gets the highest total.

The results of Frankie's rolls are stored in an array: frankie_rolls

The results of Andre's rolls are stored in an array: andre_rolls

What a pseudocode algorithm that does the following:

- Adds together all of Frankie's rolls
- Adds together all of Andre's rolls
- Compares the totals and outputs the name of the winner or if it is a draw

Make sure your algorithm is efficient, and leave comments explaining your code

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(7)

(Total 7 Marks)

Level: 7

11. Krish is writing a computer program. She is going to write it in psuedocode first.
Why would Krish choose to write in pseudocode before writing in a formal programming language?

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(2)

(Total 2 Marks)

Level: 5

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