

# Dart Loop Test 5

1. Write a program to calculate the factorial of a given number.
2. Write a program to make such a pattern like a pyramid with a number which will repeat the number in the same row.

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1.  
2 2  
3 3 3  
4 4 4 4
```

3. Write a program to find out the sum of series.

Test Data:

The Sum of series is:

$1 + 5 + 9 + 13 + 17 + 21 + 25 + 29 + 33 + 37 = 190$

4. Write a program to find majority element of an array.

The given array is: 1 3 3 7 4 3 2 3 3

5. Write a program to find the minimum distance between two numbers in a given array

The given array is: 7 9 5 11 7 4 12 6 2 11

6. Write a program to check whether a character is an alphabet, digit or special character.