APNA COLLEGE

FUNCTIONS QUESTIONS

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Question 1 : Write a Java method to compute the average of three numbers..

Question 2 : Write a method named isEven that accepts an int argument. The method should return true if the argument is even, or false otherwise. Also write a program to test your method.

Question 3 : Write a Java program to check if a number is a palindrome in Java? (121 is a palindrome, 321 is not)

A number is called a palindrome if the number is equal to the reverse of a number e.g., 121 is a palindrome because the reverse of 121 is 121 itself. On the other hand, 321 is not a palindrome because the reverse of 321 is 123, which is not equal to 321.

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Question 4 : READ & CODE EXERCISE

Search about(Google) & use the following methods of the Math class in Java:

a. Math.min( )
b. Math.max( )
c. Math.sqrt( )
d. Math.pow( )
e. Math.avg( )
f. Math.abs( )

Free reading resource (https://www.javatpoint.com/java-math)

Please feel free to look for more resources/websites on your own.

Question 5 :

Write a Java method to compute the sum of the digits in an integer.

(**Hint** : Approach this question in the following way :

a. Take a variable sum = 0
b. Find the last digit of the number
c. Add it to the sum
d. Repeat a & b until the number becomes 0)