

JAVA I

Lab Assignment-IV

1. WAP to read a number 'n' & calculate its cube using function:
 - a. No argument but return type
 - b. Argument and return type
2. WAP that calls a function called `getArea()`. This function is responsible for reading the length & breadth & print area of rectangle.
3. WAP that calls a function named `interest()`. This function takes the values of principal, number of years and rate of interest as an argument & returns the calculated interest.
4. WAP to read a number & print its square using function.
5. WAP to read length, breadth & height of cube and print its volume using function.
6. WAP to read 2 numbers and print the largest number using function with argument and return type.
7. WAP to read a character and display whether it is consonant or vowel using function with argument and no return type.
8. WAP that read a number 'n' from user & print your name 'n' times using function with no return type and argument.
9. WAP that calls a function whose name is `mul()` that takes one argument and print the multiplication table of inputted number.
10. WAP that use a function called `factorial()`. This function takes a number as an argument & returns the factorial value of the inputted number.
11. WAP that use a function called `prime()`. This function takes a number as an argument and returns 0, if the given argument is prime otherwise 1.
12. Write a program to perform all mathematical calculations using functions. (add, subtract, multiply, divide and remainder)