**Object Oriented Programming: Level 1**

Write a Java program to print 'Hello' on screen and then print your name on a separate line.   
*Expected Output* :  
Hello   
Alexandra Abramov

Write a Java program to print the sum of two numbers.   
Test Data:   
74 + 36   
*Expected Output* :  
110

Write a Java program to divide two numbers and print on the screen.   
Test Data :   
50/3  
*Expected Output* :  
16

Write a Java program to print the result of the following operations.   
*Test Data:*  
a. -5 + 8 \* 6  
b. (55+9) % 9   
c. 20 + -3\*5 / 8   
d. 5 + 15 / 3 \* 2 - 8 % 3   
*Expected Output* :  
43   
1   
19   
13

Write a Java program that takes two numbers as input and display the product of two numbers.   
*Test Data:*  
Input first number: 25  
Input second number: 5  
*Expected Output* :  
25 x 5 = 125

Write a Java program to print the sum (addition), multiply, subtract, divide and remainder of two numbers.   
*Test Data:*  
Input first number: 125  
Input second number: 24  
*Expected Output* :  
125 + 24 = 149  
125 - 24 = 101  
125 x 24 = 3000  
125 / 24 = 5  
125 mod 24 = 5

Write a Java program that takes a number as input and prints its multiplication table upto 10.   
*Test Data:*  
Input a number: 8  
*Expected Output* :  
8 x 1 = 8  
8 x 2 = 16  
8 x 3 = 24  
...  
8 x 10 = 80

Write a Java program to display the following pattern.   
*Sample Pattern :*

J a v v a

J a a v v a a

J J aaaaa V V aaaaa

JJ a a V a a

Write a Java program to compute the specified expressions and print the output.   
*Test Data:*  
((25.5 \* 3.5 - 3.5 \* 3.5) / (40.5 - 4.5))   
*Expected Output*  
2.138888888888889

Write a Java program to compute a specified formula.   
Specified Formula :   
4.0 \* (1 - (1.0/3) + (1.0/5) - (1.0/7) + (1.0/9) - (1.0/11))  
Expected Output  
2.9760461760461765