Topic: Java architecture, Language Basics, Flow control

1. Write a program to print "Hello World" on Console.

2. Write a program to find input is positive or negative.

3. Write a Program to accept two Strings CLSA Hyderabad as command line arguments and print the output "CLSA Technologies Hyderabad" If the command line is "CLSA Mumbai", then it should print "CLSA Technologies Mumbai".

4. Write a program to print month in words, based on input month in numbers. (using if-else & switch case). Which is better? Why?

5. Write a program to print factorial of N

6. Write a program to print * in Floyds format (using for and while loop)

*
* *
* * *

7. Write a program that will accept a 4-digit number (assume that the user enters only 4 digit nos.) and print the sum of all the 4 digits. For ex: If the number passed is 3629, the program should print "The sum of all the digits entered is 20"

8. Write a program to find whether a number is Prime or not

9. Try to execute java program by defining main & note down observations a. Without public modifier

b. Without static modifier

c. Without argument

d. With integer argument

e. interchange public static keyword

10. Write a java program to input basic salary of a Trainee and calculate its Gross salary according to following:

Basic Salary <= 15000 : HRA = 20%, DA = 70% Basic Salary <= 30000 : HRA = 35%, DA = 80% Basic Salary > 30000 : HRA = 20%, DA = 80%