

GLS UNIVERSITY
BCA SEM IV
0301405 PRACTICAL ON CORE JAVA
UNIT -1
LAB 2

1.	Write a Java program to calculate gross salary and net salary of an employee. Gross salary = Hourly rate * total number of hours worked Net salary = gross salary - tax (7.5%) Take values from users using Scanner class.
2.	Write a Java Program that will ask the user to input one number and check whether its prime number or not.
3.	Write a Java program that will find the factorial of number. Take input from user using Joption Pane.
4.	Write a Java program to check whether the blood donor is eligible or not for donating blood. The conditions laid down are as under. Use if statement. a) Age should be above 18 yrs but not more than 55 yrs. b) Weight should be more than 45kgs.
5.	Write a Java Program to Check Whether a Number is Palindrome or Not
6.	Write a Java Program to find the sum of numbers given within a range.
7.	Write a Java Program to find the area of following: Create a menu – driven program 1. Area of Triangle 2. Area of Rectangle 3. Area of Circle