

GLS University
Faculty of Computer Applications and Information Technology
BCA SEM III
Core Java

Practical Assignment – 1

1. Write a Java program to calculate the circumference of a circle value that should be taken from the Scanner class.
2. Write a Java program to swap two numbers without taking the third variable value that should be taken from the Scanner class.
3. Write a Java program to take student details rollno, name, surname, and 5 subject marks and display the total and percentage. All values should be taken from the Scanner class.
4. Write a Java program that will convert a float datatype into an int data type. Perform Type conversion.
5. Write a Java program that will convert an integer data type into a double data type. Perform Type Conversion.
6. Write a Java program to demonstrate the use of all operators.
7. Write a Java program to find a maximum of three numbers using conditional operators.
8. Write a Javaprogram to enter two numbers. Make the comparison between them with a conditional operator. If the first number is greater than the second perform multiplication otherwise division operation.
9. Write a Java program to implement a calculator using a switch case.
10. Write a Java Program to Check Whether the Entered Year is Leap Year or not.
11. Write a Java Program to display following patterns:(this can be numbers or any special characters)

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