

**GLS UNIVERSITY**  
**FY BCA (SEM - II)**  
**SUBJECT: Introduction to OBJECT ORIENTED CONCEPTS AND**  
**PROGRAMMING PRACTICAL ASSIGNMENT - I**

1. Write a C++ program to display “Hello World” on the screen.
2. Write a C++ program for Addition, multiplication, subtraction, division of two number Using switch case.
3. Write a C++ program to enter the principal, rate & time and print the simple interest.
4. Prepare Student result using function. (Include rollno, name, 3 sub marks, total, and Grade). Make function to find total and average and grade.
5. Write a program to demonstrate swapping of two values using function.
6. Write a program to convert Fahrenheit to Celsius using  $^{\circ}\text{C} = [(^{\circ}\text{F}-32)\times 5]/9$ .
7. Write a C++ program to find the area and perimeter of rectangle.  $\text{area}=\text{w}*\text{l}$ ,  $\text{p}=2(\text{l}+\text{w})$ .
8. Write a C++ program to calculate area of circle.  $(\text{area}=\text{pi}*\text{r}*\text{r})$
9. Write a C++ program to calculate area of triangle.  $(\text{area}=0.5*\text{b}*\text{h})$
10. Write a C++ program to demonstrate the use of comments.
11. Write a C++ program that will ask user to input integer value and print it.
12. Write a C++ program that will ask user to input string and display the same.
13. Write a C++ program to find the quotient of two integers.
14. Write a C++ program to make class for circle.
15. Write C++ program and take two numbers from user and swap the values without using third variable.