

## **Lab Title: “Introduction to basic C++ Programming concept”**

Q1: Write a Program to find the factorial of any input number.

Q2: Write a program to illustrate the concept of Loop statements

- For loop
- While loop
- Do while loop

Q3: Write a program to find the area and perimeter of the circle (use #define directive)

Q4: Write a program to illustrate the concept of namespace.

Q5: Write a program to Illustrate the concept of Conditional statements

- If else
- Nested if
- Ladder else if
- Switch case

Q6: Write a program to illustrate the concepts of jumping statements

- Break
- Continue
- Goto

Q7: Write a program to illustrate the concept of Operators in C++

- Arithmetic Operator (+,-,\*,/,%,++,--)
- Relational Operator (>,>=,<,<=,!=)
- Assignment Operator (=,+=,-=,\*=,/=)
- Logical Operator(&&,||,!)
- Ternary operator(exp1?exp2:exp3)