

OBJECT ORIENTED PROGRAMMING WITH C++

CEIII(Mechanical2)

Assignment1

- 1.** WAP to find square of a number by using inline function.
- 2.** WAP to find maximum of two integers or three integers by function overloading.
- 3.** WAP to find volume of a room with default arguments,
- 4.** Explain reference variables with a program.
- 5.** WAP to swap two numbers by using reference parameters.
- 6.** WAP to find factorial of a number by using recursive function.
- 7.** What is the difference between object-oriented program and procedure-oriented program?
- 8.** Write down the benefits and applications of object oriented languages.
- 9.** Explain the key concepts of OOP (or) Explain the features of OOP
- 10.** Write about tokens, identifiers and key words in C++
- 11.** How do you classify different operators in C++? explain.
- 12.** Explain different data types available in C++
- 13.** Explain the following
 - a) function prototype
 - b) parameter passing mechanisms
 - c) inline function and their conditions
 - d) default arguments
 - e) function overloading and rules
 - f) recursive function