

Principle of Programming Language (RCS-503)

ASSIGNMENT 4

1. What is a co-routine?[CO4]
2. Explain the liveness properties in concurrent programming.[CO4]
3. Explain the concept of critical section and mutual exclusion.[CO4]
4. Write a program to illustrate the classes and objects in C++.[CO3]
5. Write a program for showing function overloading in C++.[CO3]
6. What is constructor? Explain its types with suitable example.[CO3]
7. What is inheritance? Why it is useful in object oriented programming language?[CO3]
8. Write a program to show various types of inheritance in C++.[CO3]
9. Why virtual functions are used in C++.[CO3]