

MBM University, Jodhpur
OOP Lab (Using C++) CSE | ADS | IT (111-Sem)

List of experiments:

1. Write a C++ program to swap two numbers without using a third variable.
2. Write a C++ program to find the greatest among three numbers.
3. Write a C++ program to print the sum of n even numbers.
4. Write a C++ program to generate a Fibonacci series up to n elements.
5. Write a C++ program to differentiate between passing parameters by value and reference to a function.
6. Write a C++ program to calculate the area of squares and rectangles through the same function by using the concept of function overloading.
7. Write a C++ program to implement a class and access the data members and member functions using its objects.
8. Write a C++ program to demonstrate the difference between accessing public and private members of a class through its objects.
9. Write a C++ program to initialize objects using the default constructor of a class and also trace the calling of destructors for those objects.
10. Write a C++ program to implement constructor overloading by using the parameterized constructor.
11. Write a C++ program to add two complex numbers by overloading the + operator.
12. Write a C++ program to add private data members of two different classes using a friend function.
13. Write a C++ program to implement simple inheritance.
14. Write a C++ program to implement multilevel inheritance.
15. Write a C++ program to implement the concept of nested class.
16. Write a C++ program to show exception handling.
17. Write a C++ program to solve the diamond problem.
18. Write a C++ program to find a minimum of two numbers using templates.