

Module 1 Lab

1. Check Whether Number is Even or Odd using if else. To check whether an integer is even or odd, the remainder is calculated when it is divided by 2 using modulus operator %. If remainder is zero, that integer is even if not that integer is odd.
2. Write a program finds out the largest number among three numbers entered by user and displays it with proper message.
3. Write a program that computes the size of a string. You can get the length of a string object by using a `size()` function or a `length()` function.
4. Write a program to store and display Student information using a structure for Student and an array to store the student record. This structure has three members: `name` (string), `roll` (integer) and `marks` (float). Using `for loop`, the program should accept the information of 5 students from the user and displays it on the screen.
5. Write a program to swap two numbers.
6. Write a program to calculate the volume of a cube.
7. Write a program to find the Area and Perimeter of a Rectangle.
8. Write a program to convert temperature in Celsius to Fahrenheit and vice versa.
9. Write a program to enter Principal, Time, Rate of Interest and calculate Simple Interest.
10. Write a program with 3 variables, the first to store a pointer, second to store the reference to the pointer and thirdly store the value of the referenced pointer.