Lab Task: 2

1. Write a c++ program to check whether the given number is palindrome or not.

**Output**

Enter a positive number 12321

The reverse number is 12321

The number is a palindrome

Enter a positive number 12331

The reverse number is 13321

The number is not a palindrome

1. Write a c++ program to demonstrate enumeration.

**Output**

Enter the day: Friday

Today is Off day

Enter the day: Monday

Today is working day

1. Write a c++ program with two inline functions for calculating multiplication and cube of number x and y.

**Output**

Enter two values: 5 7

Multiplication value is: 35

Cube value is: 125 343

1. Write a c++ program to calculate the area of a shape (triangle, rectangle and circle) using function overloading.

**Output**

Function overloading

1.Area of circle

2. Area of rectangle

3. Area of triangle

4.exit

Enter your choice: 2

Enter sides of the rectangle

5 5

Area of rectangle is: 25