

ITC LAB #04

LAB TASK

- Write a program that takes two numbers from the user and perform all arithmetic operations.
 - Addition
 - Subtraction
 - Division
 - Multiplication
- Write a program in C++ that ask a user to enter radius and calculate the volume of a sphere. After calculating the volume, print the output on screen.

$$V = \frac{4}{3} \pi r^3$$

- Write a program in C++ that ask the user to enter width and length of a rectangle and calculates the area and perimeter of a rectangle. After calculating the area and perimeter, print the output on screen.

$$area = l \times w$$

$$perimeter = 2l + 2w$$

$$diagonal = \sqrt{l^2 + w^2}$$

- Write a program in C++ that ask the user to enter temperature in Celsius and convert it into Fahrenheit and display the output on screen

- $F = (C \times 9/5) + 32$

For testing try giving these values:

0 which gives you **32**

1 which gives you **33.8**

2 which gives you **35.6**