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for **BE, BCA,BIT**

Title: C programming syntax, structure and problem solving technique.

Lab Excercise :

1. Write a program to display “Hello World” in C.
2. Write a program to add two numbers (5 and 7) and display its sum.
3. Write a program to multiply two numbers (30 and 40) and display its products.
4. Write a program to calculate the total surface area of the sphere having its radius (r = 10 cm) and display the total surface area.
5. Write a program to calculate the simple interest of the given principle = 5000, rate = 5.5, time = 3.
6. Write a program to find the discounted price of shoes with tag price = 5000, discount = 15 percent.
7. Write a program to find the area of triangle having sides 13cm, 12 cm and 9cm.(Use math.h library to find the square root **i.e. double** sqrt(**double** num)