

C Programming Lab assignment set 1

Last date of submission:

1. Write a program to print "Welcome to C programming".
2. Write a C program to find area and perimeter of rectangle.
3. Write a program to compute b^p using library function. Your program should read value of b and p from user.
4. Write a program to find simple interest and Amount.
5. Write a program to find surface area of a box. $[S=2(lb+lh+bh)]$
6. Write a program to read temperature in Fahrenheit and convert it into centigrade.

$$\left(c = \frac{5(f - 32)}{9} \right)$$

7. Write a program to read temperature in centigrade and convert it into Fahrenheit.
8. Write a program to find area and circumference of circle using symbolic constant.
9. Write a program to find the sum of digits of three digit number.
10. Write a C program to read number of days and convert it into years, months and days.
11. Write a program to reverse four digit numbers.
12. Write a program to demonstrate the use of arithmetic operation on integers. (find sum, difference, product, quotient, and remainder).
13. Write a program to convert Distance in meter into kilometer and meter. $[1\text{km}=1000\text{m}]$
14. Write a program to print the size of all primitives data types (**int**, **float**, **double**, etc.)
[hint: use sizeof() operator.]
15. Write a program to check whether entered number is odd or even using ternary operator. (**? :**)
16. Write a program to read three different numbers and find the smallest one.
17. Write a program to read four different numbers and find the largest numbers.
18. Write a program to read number of male and female student in a class and finally find ratio of female and male student. Use variable of appropriate data types.