

1. Write a C programme to print formatted output using different variables. Let's say a=1,b=12,c=123,d=1234,f=12345. Print the values of a to f such that it looks like as shown in a. Similarly take different character type variables and print these variable as shown in b.

a)

00001
00012
00123
01234
12345

b)

a
ab
abc
abcd
abcde

c) Declare a float type variable **e=2.718281828** and print the following using variable **e**.

3
3.
2.7
2.72
2.718282
2.718282
2.7182818

2. a) Write a C programme to find area , circumference and diameter of a circle. Declare **PI** as a constant in programme.

b) Write a C program to enter temperature in Celsius and convert it into Fahrenheit.

3. Create at least five distinct type of errors(syntactical and logical) in program and study it minutely.

4. Write a C program to enter marks of five subjects and calculate total, average and percentage.