***Problem-12:***

***#include<stdio.h>***

***int f(int a)***

***{***

***if(a==0)***

***return 1;***

***return a\*f(a-1);***

***}***

***int main()***

***{***

***int n;***

***printf("Please enter the number: ");***

***scanf("%d",&n);***

***if(n<0)***

***printf("Invalid number\n");***

***else{***

***printf("Factorial of %d is: %d\n",n,f(n));***

***}***

***return 0;***

***}***