Fab recursing

#include<stdio.h>

int fact(int x)

{

if(x==0)

return 1;

return(x\*fact(x-1));

}

int main()

{

int x,f;

printf("enter a number:");

scanf("%d",&x);

f=fact(x);

printf("factorial of %d is %d",x,f);

}

Output

enter a number:4

factorial of 4 is 24