***Assignment recurtion***

Source code:

#include <iostream>

#include <conio.h>

using namespace std;

int fact(int a)

{

if (a <= 1)

{

return 1;

}

else

{

return a \* fact(a - 1); // 5 \* fact(5 - 1) = 5 \* 4 = 20

}

}

void main()

{

int a,ans;

printf("\t\t=================Factorial Function===================\n\n");

printf("Enter factorial number \n");

scanf("%d",&a);

ans = fact(a);

printf("Factorial of %d is %d",a,ans);

getch();

}

Output:

