

```
#include <stdio.h>
int f1(int n);
void main()
{
    int res;
    printf("\n enter the number\t");
    scanf("%d",&n);
    res=f1(n);
    printf("\n Factorial=%d",res);
}
int f1(n)
{
    if(n==1)
        return(n);
    else
        return(n*f1(n-1));
}
```

```
Factorial=-2147483648
Process returned 23 (0x17)    execution time : 4.292 s
Press any key to continue.
```