

~\Desk...(JAVA)
Stude...n.java
~\Desk...w folder
arr.c
fac.c
n.c
ne.c
p.c
post.c
pref.c

```
1 #include <stdio.h>
2 int fact(int n)
3 {
4     if(n==0)
5         return 1;
6     return n*fact(n-1);
7 }
8
9 int main()
10 {
11     int n;
12
13     printf("Enter the value of n\n");
14     scanf("%d",&n);
15     printf("The factorial of %d = %d \n",n,fact(n));
16     return 0;
17 }
18
```

status gcc -Wall -o "fac" "fac.c" (in directory: C:\Users\DELL\Desktop\New folder)
mpiler Compilation finished successfully.

essages

tribble

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C:\WINDOWS\SYSTEM32\cmd.exe

Enter the value of n

5

The factorial of 5 = 120

(program exited with code: 0)

Press any key to continue . . .