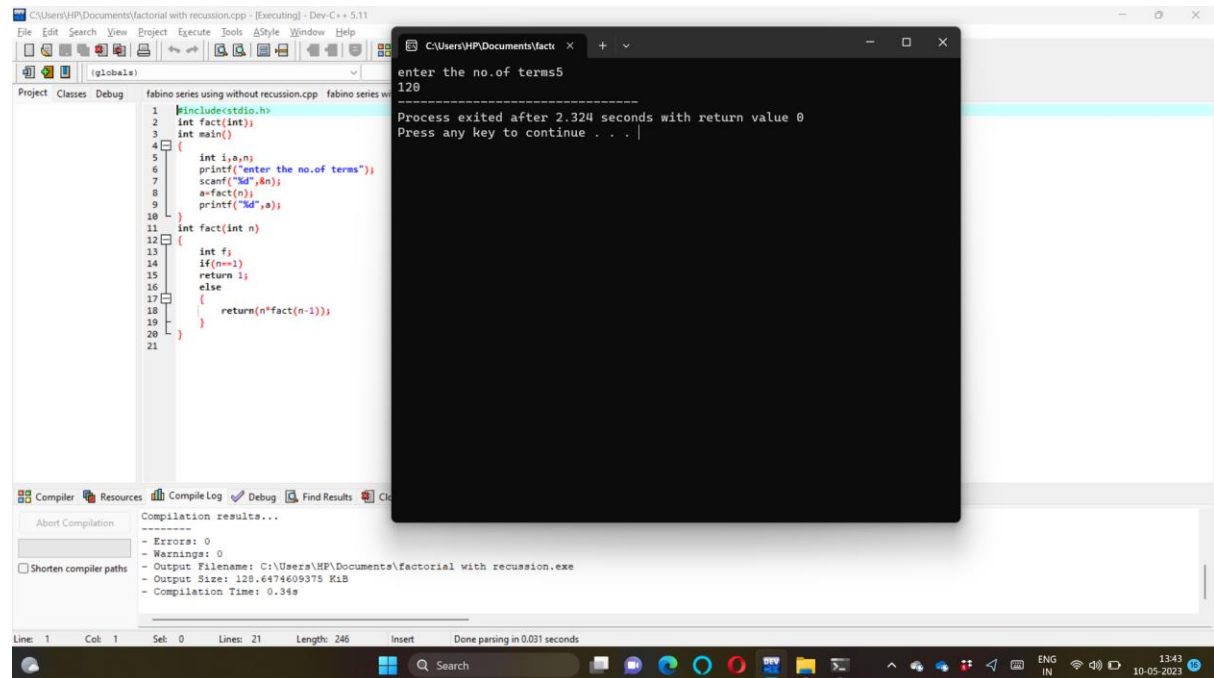


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1.C PROGRAMM FOR FACTOR WITH RECUSSION



The screenshot displays a C++ IDE with a project named 'fabino series using without recursion.cpp'. The code defines a recursive function 'fact' to calculate the factorial of a number 'n'. The main function prompts the user to enter the number of terms, which is 5. The output shows the factorial of 5, which is 120. The process exited after 2.324 seconds with a return value of 0.

```
1 #include<stdio.h>
2 int fact(int n)
3 {
4     if(n==1)
5         return 1;
6     else
7         return n*fact(n-1);
8 }
9 int main()
10 {
11     int i,a,n;
12     printf("enter the no. of terms");
13     scanf("%d",&n);
14     a=fact(n);
15     printf("%d",a);
16 }
17
18 int fact(int n)
19 {
20     int f;
21     if(n==1)
22         return 1;
23     else
24     {
25         return(n*fact(n-1));
26     }
27 }
```

enter the no. of terms5
120

Process exited after 2.324 seconds with return value 0
Press any key to continue . . .

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\HP\Documents\factorial with recursion.exe
- Output Size: 128.6474609375 KiB
- Compilation Time: 0.39s

IAL WITH RECUSSION