

PROGRAM 3:

```
#include<stdio.h>

int main(){

    int a=1,numbr;

    long int fact=1;

    printf("Enter a number: ");

    scanf("%d",&numbr);

    for(a=1;a<=numbr;a++)

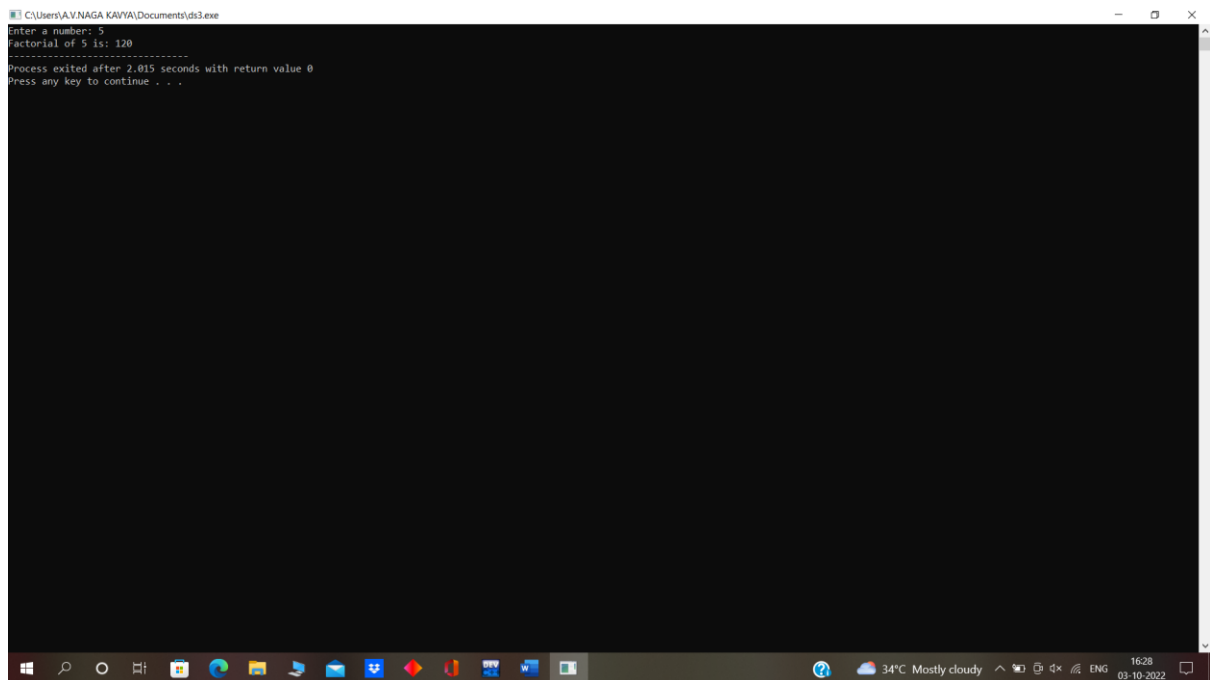
    fact=fact*a;

    printf("Factorial of %d is: %ld",numbr,fact);

    return 0;

}
```

OUTPUT:



The screenshot shows a Windows command prompt window titled "C:\Users\AVNAGA KAVIA\Documents\ds3.exe". The output of the program is as follows:

```
Enter a number: 5
Factorial of 5 is: 120
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Process exited after 2.015 seconds with return value 0
Press any key to continue . . .
```

The Windows taskbar at the bottom shows the system clock as 16:28 on 03-10-2022, and the weather as 34°C Mostly cloudy.