

```
/**factorial**/
```

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int i,n,m=1;
```

```
    printf("enter the value of n\n");
```

```
    scanf("%d",&n);
```

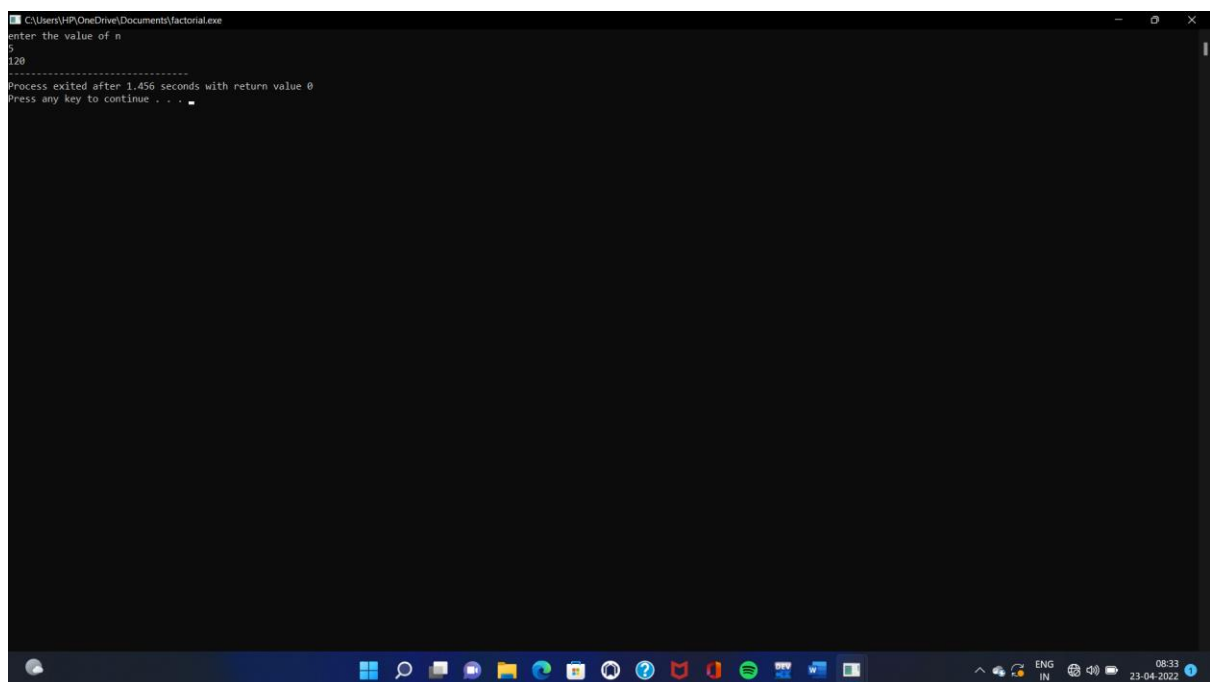
```
    for(i=1;i<=n;i++)
```

```
        m=m*i;
```

```
    printf("%d",m);
```

```
    return 0;
```

```
}
```



The screenshot shows a Windows command prompt window titled "C:\Users\HP\OneDrive\Documents\factorial.exe". The prompt displays the following text: "enter the value of n", followed by the user input "5", and the program output "120". Below the output, a separator line of dashes is shown, followed by the message "Process exited after 1.456 seconds with return value 0" and "Press any key to continue . . .". The Windows taskbar is visible at the bottom, showing the Start button, search icon, and several open applications. The system tray on the right indicates the language is "ENG IN" and the date is "23-04-2022".