

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

int main()
{
    // For Factorial Number:
    printf("For Factorial Number\n");

    int number;
    int factorial = 1;

    printf("Enter a number : ");
    scanf("%d",&number);

    for(int i = 1; i<=number; i++){
        factorial = factorial * i;
    }
    printf("%d",factorial);

    printf("\nFor Fibonacci\n");

    // For Fibonacci Series

    int first = 0;
    int second = 1;
    int fibonacci;
    int n;

    printf("Enter number length : ");
```

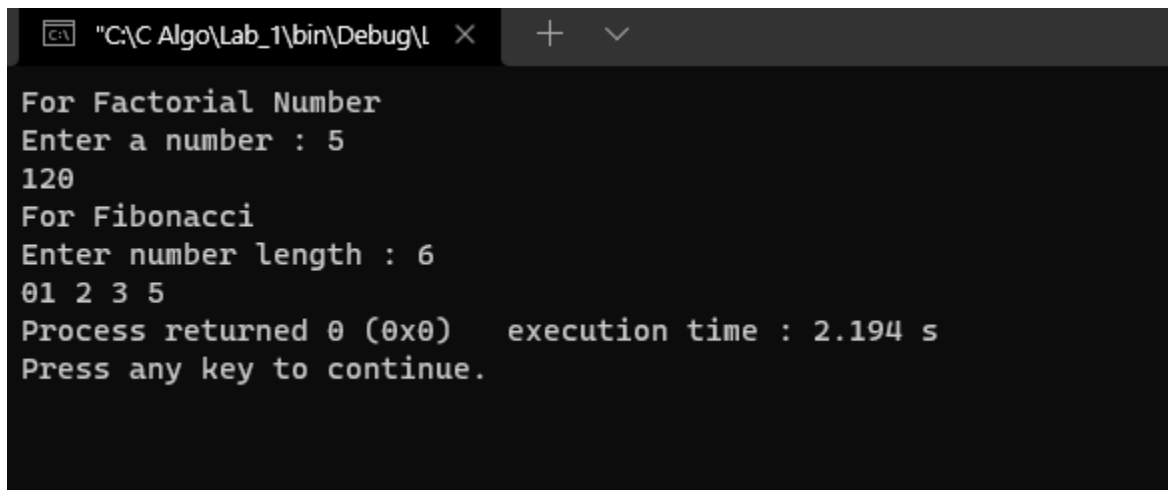
```
scanf("%d",&n);

printf("%d",first,second);

for(int i = 3; i<=n;i++){
    fibonacci= first+second;
    printf("%d ",fibonacci);
    first = second;
    second = fibonacci;
}

return 0;
}
```

Output:



```
"C:\C Algo\Lab_1\bin\Debug\l" × + ▾
For Factorial Number
Enter a number : 5
120
For Fibonacci
Enter number length : 6
01 2 3 5
Process returned 0 (0x0) execution time : 2.194 s
Press any key to continue.
```