

# 1.Factorial

```
import java.util.*;

class fact

{

    public static void main(String args[ ])

    {

        Scanner sc=new Scanner(System.in);

        int i,n,fact=1;

        System.out.println("Enter a number to find factorial:");

        n=sc.nextInt();

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

        {

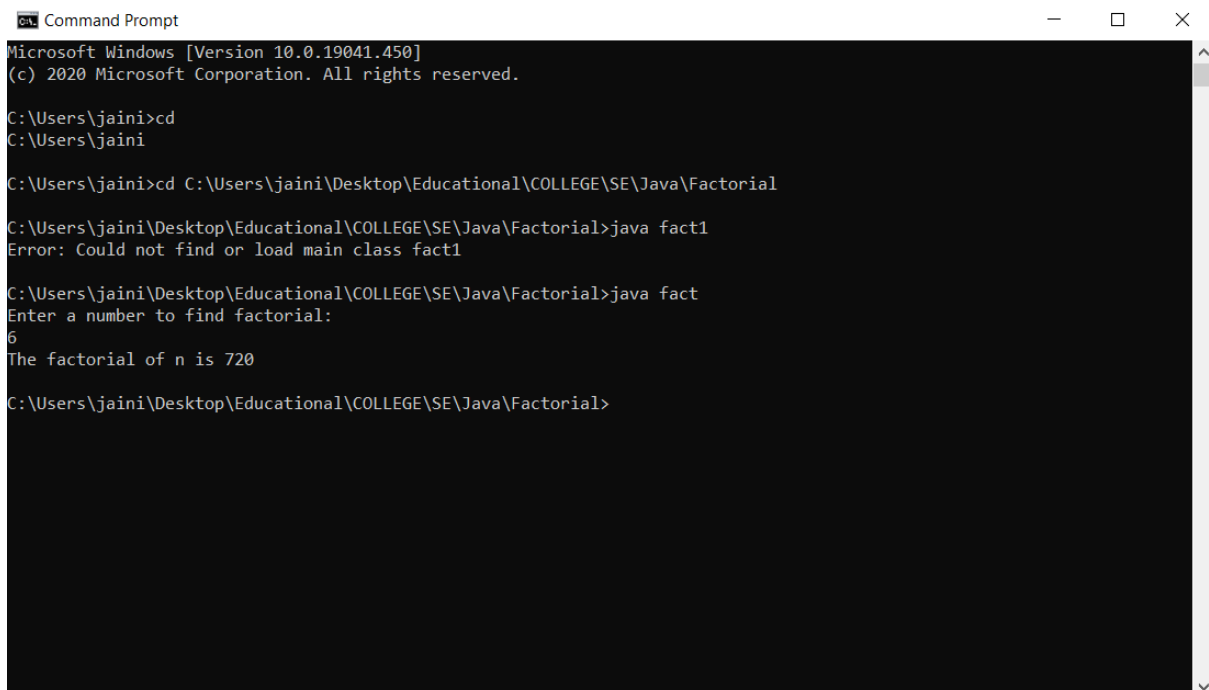
            fact=fact*i;

        }

        System.out.println("The factorial of n is "+fact);

    }

}
```



The screenshot shows a Windows Command Prompt window titled "Command Prompt". The text inside the window is as follows:

```
Microsoft Windows [Version 10.0.19041.450]
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C:\Users\jaini>cd
C:\Users\jaini

C:\Users\jaini>cd C:\Users\jaini\Desktop\Educational\COLLEGE\SE\Java\Factorial

C:\Users\jaini\Desktop\Educational\COLLEGE\SE\Java\Factorial>java fact1
Error: Could not find or load main class fact1

C:\Users\jaini\Desktop\Educational\COLLEGE\SE\Java\Factorial>java fact
Enter a number to find factorial:
6
The factorial of n is 720

C:\Users\jaini\Desktop\Educational\COLLEGE\SE\Java\Factorial>
```