```java
class MyExcep extends Exception {
 public MyExcep(String message) {
 super(message);
 }
}
public class lab8a {
 public static void main(String[] args) {
 int n;
 for(int i=0;i<args.length;i++){
 try {
 int fact = 1;
 n = Integer.parseInt(args[i]);
 if (n < 0 || n > 15) {
 throw new MyExcep(message:"Invalid input! Integer must bebetween 0 and 15.");
 }
 for (int j = 1; j <= n; j++) {
 fact *= j;
 }
 System.out.println("Factorial of " + n + " is: " + fact);
 } catch (MyExcep e) {
 System.out.println(e.getMessage());
 } catch (NumberFormatException e) {
 System.out.println(x:"Invalid input! Please enter an integer value.");
 }
 }
 }
}
```

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\lenovo\Desktop\Java assignments\Lab8> java lab8a 8
Factorial of 8 is: 40320
PS C:\Users\lenovo\Desktop\Java assignments\Lab8> java lab8a 5 6 ads kedar
Factorial of 5 is: 120
Factorial of 6 is: 720
Invalid input! Please enter an integer value.
Invalid input! Please enter an integer value.
PS C:\Users\lenovo\Desktop\Java assignments\Lab8> |
```