JAVA Lab Assignment 8

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Branch- AIML A1

Github- Abhinav-kr-2807/JAVA: College Assignments (github.com)

Part 1: Write a Java Program to find the factorial of 'n' integers (as command line arguments CLA). Write your own exception "MyExcep" to validate integer values to be in certain range.

Part 2:

Define an exception class called "NOMATCHEXCP" that is thrown when the string from keyboard is not equal to "India". Write a Demo program using try-catch block that shows the use of this user-defined exception. Class NOMATCHEXCP should have a parameterized constructor and the exception message generated should show the line number and the erroneous String that was inputted by the user.

PART1:

```
}
}
```

OUTPUT:

```
Factorial of 8 is: 40320
Invalid input! Integer must be between 0 and 15.
Invalid input! Please enter an integer value.
Factorial of 5 is: 120
Invalid input! Integer must be between 0 and 15.
```

PART2

OUTPUT:

Enter a string: Abhinov

Error: Line 1: "Abhinov" is not equal to "India"

Process finished with exit code 0

Enter a string: India
Input string is equal to "India"
Process finished with exit code 0