# JAVA  Lab
## Lab Experiment No 8

**Aim**:         Write a JAVA program to create user defined exception.

**Problem statement:**


Write a java program where the user will enter login id and password as input. Program will check whether the entered password is valid or invalid based on following password rules:

1. Passwords should contain at least one digit(0-9).

2. Password length should be between 8 to 15 characters.

3. Password should contain at least one special character ( @, #, %, &, !, $, etc….)


If a user enters a valid password satisfying above criteria then show "Login Successful Message". Otherwise create InvalidPasswordException stating "Please enter valid password of length 8 to 15 characters containing at least one digit and one special symbol"

**Theory**:
1. What is an Exception and exception handling in Java?
2. How to create and throw user defined or custom exceptions?
3. Advantages of exception handling.

**Program:**      code


**Output:**      Snapshot of output (please take output with minimum two possible input