

Question:

Password Validation (Null Pointer Exception Handling)

Ask the user to enter a password.

If the user does not enter any password (i.e., a null value), handle `NullPointerException` and display "Password cannot be empty".

PasswordException.java:

```
package Password;
import java.util.*;

public class PasswordException {

    public static void main(String[] args) {
        Scanner s = new Scanner(System.in);

        try
        {
            System.out.print("Enter your password: ");
            String password = s.nextLine();

            if (password.length() == 0)
            {
                throw new NullPointerException();
            }
            System.out.println("Password entered successfully!");
        }
        catch (NullPointerException e)
        {
            System.out.println("Password cannot be empty.");
        }
    }
}
```

OUTPUT:

