**Exception handling**

**usernameException.java**

**package** com.java.pgms;

**import** java.util.Scanner;

**class** UsernameException **extends** Exception{

**public** UsernameException(String msg)

{

**super**(msg);

}

}

**class** passwordException **extends** Exception {

**public** passwordException (String msg)

{

**super**(msg);

}

}

Main.java

**package** com.java.pgms;

**import** java.util.Scanner;

**public** **class** Main16 {

**public** **static** **void** main(String[] args)

{

Scanner s=**new** Scanner(System.*in*);

String username,password;

System.*out*.println("enter username:");

username=s.nextLine();

System.*out*.println("enter password");

password=s.nextLine();

**int** length=username.length();

**try**

{

**if**(length<6)

**throw** **new** UsernameException("username must be greater than six characters:");

**else** **if**(!password.equals("hello"))

**throw** **new** passwordException("incorrect password /n type\_correct\_password ");

**else**

System.*out*.println("login successfull");

}

**catch**(UsernameException u)

{

u.printStackTrace();

}

**catch**(passwordException p)

{

p.printStackTrace();

}

**finally**

{

System.*out*.println("finally statement is executed:");

}

}

}