**Module-7**

**Assignment-2**

**Code:**

**InvalidAgeException class:**

**package** Module\_7;

**public** **class** InvalidAgeException **extends** Exception {

InvalidAgeException(String s)

{

**super**(s);

}

}

**CustomException class:**

**package** Module\_7;

**public** **class** CustomException {

**void** validate(**int** age)**throws** InvalidAgeException

{

**if**(age<18)

{

**throw** **new** InvalidAgeException("You are not eligible to vote");

}

**else**

{

System.***out***.println("You are eligible to vote");

}

}

}

**CustomExceptionMain class:**

**package** Module\_7;

**import** java.io.\*;

**public** **class** CustomExceptionMain {

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

{

InputStreamReader isr=**new** InputStreamReader(System.***in***);

BufferedReader br=**new** BufferedReader(isr);

System.***out***.println("Enter the age:");

**int** age = Integer.*parseInt*(br.readLine());

CustomException obj = **new** CustomException();

**try**

{

obj.validate(age);

}

**catch**(InvalidAgeException e)

{

System.***out***.println("Caught the Exception");

System.***out***.println("Exception Occured: "+e);

}

}

}

**Output:**

**Output 1:**

Enter the age:

15

Caught the Exception

Exception Occured: Module\_7.InvalidAgeException: You are not eligible to vote

**Output 2:**

Enter the age:

30

You are eligible to vote