

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
```