import java.util.\*;

class NotEvenException extends Exception {

public String toString() {

return ("NotEvenException: The number is not even.");

}

}

public class ExceptionDemo {

public static void checkEven(int x) throws NotEvenException {

if (x % 2 == 0)

System.out.println("It is an even number!");

else

throw (new NotEvenException());

}

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

try {

System.out.print("Enter the number: ");

int number = sc.nextInt();

checkEven(number);

} catch (Exception e) {

System.out.println(e);

}

sc.close();

}

}

**C:\Users\3atha\code\study\oosw\expt-9**

**λ** javac ExceptionDemo.java

**C:\Users\3atha\code\study\oosw\expt-9**

**λ** java ExceptionDemo

Enter the number : 18

It is an even number!

**C:\Users\3atha\code\study\oosw\expt-9**

**λ** java ExceptionDemo

Enter the number : 5

NotEvenException: The number is not even.