import javax.print.CancelablePrintJob;  
import javax.sound.midi.Soundbank;  
import java.sql.SQLOutput;  
import java.util.Arrays;  
import java.util.Scanner;  
import java.util.Random;  
  
class exc extends Exception{  
 public String toString(){  
 return "maximum tries reached";  
 }  
 public String getMessage(){  
 return "try after some time";  
 }  
}  
  
public class Main {  
 public static void index()throws exc{  
 Scanner sc=new Scanner(System.*in*);  
 int[] arr={12,22,33,44,55};  
 int c=0;  
 try{  
 int i=0;  
  
 while(i<arr.length){  
 System.*out*.println("enter your value");  
  
 int a=sc.nextInt();  
  
 try {  
 System.*out*.println("found index and value is " + arr[a]);  
 break;  
 }  
 catch (Exception e) {  
 System.*out*.println("Invalid index");  
 }  
  
  
  
 i++;  
 c++;  
 }  
 }  
 catch(Exception e){  
 System.*out*.println("invalid index");  
 }  
  
 if(c==5){  
 throw new exc();  
 }  
  
 }  
  
 public static void main(String[] args) {  
  
 try{  
 *index*();  
 }  
 catch (Exception e){  
 System.*out*.println(e);  
 }  
  
  
  
  
  
  
 }  
}