import java.util.Scanner;

class Invalid extends Exception

{

protected String str;

public Invalid(String str)

{

super(str);

}

}

public class Television extends Exception

{

public int model, size1, prize;

public String toString()

{

return "Model is " + model + " Size is " + size1 + " Prize is " + prize;

}

public static void main(String[] args)throws Invalid

{

Television t = new Television();

Scanner sc = new Scanner(System.in);

System.out.println("Enter the television model");

t.model = sc.nextInt();

System.out.println("Enter the size");

t.size1 = sc.nextInt();

System.out.println("Enter the prize");

t.prize = sc.nextInt();

try {

if(t.model>9999)

{

t.model=0; t.size1=0; t.prize=0;

throw new Invalid("Model can not be more than 4 digit");

}

else if(t.size1<12 || t.size1 >70)

{

t.model=0; t.size1=0; t.prize=0;

throw new Invalid("Size should be in between 12 and 70");

}

else if(t.prize<0 || t.prize >5000)

{

t.model=0; t.size1=0; t.prize=0;

throw new Invalid("Prize should be in between 0 to 5000");

}

}

finally {

System.out.println("Television");

System.out.println(t);

}

}

}

/\*

OUTPUT

Enter the television model

4565

Enter the size

45

Enter the prize

4000

Television

Model is 4565 Size is 45 Prize is 4000

Enter the television model

45

Enter the size

11

Enter the prize

4000

Television

Exception in thread "main" Model is 0 Size is 0 Prize is 0

Invalid: Size should be in between 12 and 70

at Television.main(Television.java:48)

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