



```
StringOperations.java Exam3.java Source.java Example.java Exam.java *Hei
15     else if(Integer.parseInt(countrycode)==901)
16         var="US";
17     else {
18     try {
19         if(Integer.parseInt(countrycode)>100 || Integer.parseInt(countrycode)>1000)
20             throw new InvalidCodeException("No country with the given code");
21     }catch(Exception e) {
22         System.out.println(e.getMessage());
23     }
24     }
25     return var;
26 }
27 }
28 class Client {
29     public static String getCountry(String countrycode) throws InvalidCodeException {
30     try {
31         if(countrycode.length()<1 || countrycode.length()>3)
32             throw new InvalidCodeException("Invalid Code");
33     }catch(Exception e) {
34         System.out.println(e.getMessage());
35     }
36     PhoneRepository p=new PhoneRepository();
37     String str=p.getCountryName(countrycode);
38     return str;
39     }
40 }
41 public class Exam {
42
43     public static void main(String[] args) throws InvalidCodeException {
44         // TODO Auto-generated method stub
45         System.out.println("Enter code");
46         Scanner sc=new Scanner(System.in);
47         String str=sc.nextLine();
48         Client c=new Client();
49         System.out.println(c.getCountry(str));
50     }
51
52 }
53
```

Problems Console Coverage

No consoles to display at this time.



```

5 class InvalidCodeException extends Exception {
6     public InvalidCodeException(String msg) {
7         super(msg);
8     }
9 }
10 class PhoneRepository {
11     static String getCountryName(String countrycode) throws InvalidCodeException {
12         String var=null;
13         if(Integer.parseInt(countrycode)>=90 && Integer.parseInt(countrycode)<=100)
14             var="India";
15         else if(Integer.parseInt(countrycode)==901)
16             var="US";
17         else {
18             try {
19                 if(Integer.parseInt(countrycode)>100 || Integer.parseInt(countrycode)<901 || Integer.parseInt(countrycode)>901 )
20                     throw new InvalidCodeException("No country with the given code found");
21             }catch(Exception e) {
22                 System.out.println(e.getMessage());
23             }
24         }
25         return var;
26     }
27 }
28 class Client {
29     public static String getCountry(String countrycode) throws InvalidCodeException {
30         try {
31             if(countrycode.length()<1 || countrycode.length()>3)
32                 throw new InvalidCodeException("Invalid Code");
33         }catch(Exception e) {
34             System.out.println(e.getMessage());
35         }
36         PhoneRepository p=new PhoneRepository();
37         String str=p.getCountryName(countrycode);
38         return str;
39     }
40 }
41 public class Exam {

```