```java
1  package me.jamiepeterson.a18mathquiz;
2
3  import java.util.Random;
4
5  public class Questions {
6      private int left;
7      private String operation;
8      private int right;
9      private int answer;
10     private int questions;
11     private int correct;
12     private Random generator;
13
14     public Questions(){
15         left = 0;
16         operation = "?";
17         right = 0;
18         answer =0;
19         questions = 0;
20         correct = 0;
21         generator = new Random();
22     }
23
24     public void generate(){
25         int nextOperation = generator.nextInt(4);
26         switch (nextOperation){
27             case 0:
28                 //Addition
29                 operation = "+";
30                 left = generator.nextInt(999)+1;
31                 right = generator.nextInt(999)+1;
32                 answer = left + right;
33                 break;
34             case 1:
35                 //subtraction
36                 operation = "-";
37                 left = generator.nextInt(999)+1;
38                 right = generator.nextInt(999)+1;
39                 answer = left - right;
40                 break;
41             case 2:
42                 //multiplication
43                 operation = "x";
44                 left = generator.nextInt(99)+1;
45                 right = generator.nextInt(99)+1;
46                 answer = left * right;
47                 break;
48             case 3:
49                 //Division
50                 operation = "/";
51                 left = generator.nextInt(999)+1;
52                 right = generator.nextInt(99)+1;
53                 answer = left / right;
54                 break;
```

```java
55            }
56        }
57
58        public boolean checkAnswer(int user){
59            questions ++; //Update Questions Answered
60            if(user == answer) {
61                correct ++;//Update correct
62                return true;
63            }
64            return false; //else
65        }
66
67        public int getLeft() {
68            return left;
69        }
70
71        public String getOperation() {
72            return operation;
73        }
74
75        public int getRight() {
76            return right;
77        }
78
79        public int getCorrect() {
80            return correct;
81        }
82
83        public int getQuestions() {
84            return questions;
85        }
86 }
87
```