

Question 5 (Bonus)\Dice.java

```
1  import java.util.Random;
2
3  class Dice {
4      private static final int MAX_VALUE = 6;
5      private Random random;
6
7      public Dice() {
8          random = new Random();
9      }
10
11     public int roll() {
12         return random.nextInt(MAX_VALUE) + 1;
13     }
14 }
15
```