

CSE 8B - Week 4 Discussion Worksheet

Random, Enum

Guess.java

```
1 import java.util.Random;
2
3 public class Guess {
4
5     private static final int SEED = 123;
6     private static final int UPPER_BOUND = 10;
7     private Random random;
8
9     public Guess() {
10         // Difference between Random(SEED) and Random()?
11         random = new Random(_____);
12     }
13
14     public boolean guessNumber(int num) {
15         // What are the possible values for randNum?
16         int randNum = _____(UPPER_BOUND);
17         if (randNum == num) {
18             return true;
19         }
20         return false;
21     }
22 }
```

Day.java

```
1 public enum Day {
2
3     SUNDAY (0), MONDAY (5), TUESDAY (4), WEDNESDAY (3),
4     THURSDAY (2), FRIDAY (1), SATURDAY (0);
5
6     private int dayValue;
7
8     Day(int dayValue) {
9         _____
10    }
11
12    public int getDayValue() {
13        _____
14    }
15 }
```

DayDemo.java

```
1 public class DayDemo {
2
3     private static final String COUNTDOWN_MSG
4         = " days left until the weekend!";
5     private static final String WEEKEND_MSG = "It's the weekend!\n";
6
7     public static void main(String[] args) {
8         Day today = _____;
9
10        for (int i = 0; i < _____; i++) {
11            int daysLeft = _____ - i;
12            System.out.println(daysLeft + COUNTDOWN_MSG);
13        }
14        System.out.println(WEEKEND_MSG);
15    }
16 }
```