

## L2 PROBLEM 7 (3/3 points)

The output of `random.randint(1, 10)` after a specific seed is shown below.

```
>>> import random
>>> random.seed(9001)
>>> random.randint(1, 10)
1
>>> random.randint(1, 10)
3
>>> random.randint(1, 10)
6
>>> random.randint(1, 10)
6
>>> random.randint(1, 10)
7
```

What is printed in the following programs? Separate new lines with commas - so the above output would be 1, 3, 6, 6, 7.

**Note!** Using just the above output, you should be able to answer this entire problem without using your interpreter. Try it out!

```
random.seed(9001)
for i in xrange(random.randint(1, 10)):
    print random.randint(1, 10)
```

Answer: 3

```
random.seed(9001)
d = random.randint(1, 10)
for i in xrange(random.randint(1, 10)):
    print d
```

Answer: 1, 1, 1

```
random.seed(9001)
d = random.randint(1, 10)
for i in xrange(random.randint(1, 10)):
    if random.randint(1, 10) < 7:
        print d
    else:
        random.seed(9001)
        d = random.randint(1, 10)
        print random.randint(1, 10)
```

Answer: 1, 1, 3



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