

2.12 – List Operations

For the following, write the line(s) of code that will emit the given Output. For each problem there may be more than one correct answer; just give one. More on lists: <http://docs.python.org/release/2.6.6/tutorial/datastructures.html>

```
1. >>> a_list = [3, 5, 6, 12]
   >>> YOUR CODE HERE
   3
```

```
2. >>> a_list = [3, 5, 6, 12]
   >>> YOUR CODE HERE
   12
```

```
3. >>> a_list = [3, 5, 6, 12]
   >>> YOUR CODE HERE
   [5, 6, 12]
```

```
4. >>> a_list = [3, 5, 6, 12]
   >>> YOUR CODE HERE
   3
   5
   6
   12
```

```
5. >>> a_list = [3, 5, 6, 12]
   >>> YOUR CODE HERE
   [12, 6, 5, 3]
```

```
6. >>> a_list = [3, 5, 6, 12]
   >>> YOUR CODE HERE
   [9, 15, 18, 36]
```

```
7. >>> a_list = [3, 5, 6, 12]
   >>> YOUR CODE HERE
   [False, False, True, True]
```

Hint: Stuck on 6 or 7? Try doing Exercise 2.10 first...