Review Questions

1. What is the output produced by the following code?
```
d = {'a' : 0, 'b': 1, 'c' : 2}
print(d['c'])
```

(a) c

~~(b)~~ 2

(c) 'c' : 2

(d) This code produces an error.

2. What is the output produced by the following code?
```
d = {'a' : 0, 'b': 1, 'c' : 2}
print(d[2])
```

(a) c

(b) 2

(c) 'c' : 2

~~(d)~~ This code produces an error.

3. What is the output produced by the following code?
```
d = {'a' : 0, 'b': 1, 'c' : 2}
print(d.get(2, 'c'))
```

(a) c

~~(b)~~ 2

(c) 'c' : 2

(d) This code produces an error.

4. What is the output produced by the following code?
```
d = {'a' : 0, 'b': 1, 'c' : 2}
for x in sorted(d):
        print(d[x], end=" ")
```

(a) a b c

~~(b)~~ 0 1 2

(c) ('a', 0) ('b', 1) ('c', 2)

(d) This code produces an error.

5. What is the output produced by the following code?
```
d = {'a' : 0, 'b': 1, 'c' : 2}
for x in sorted(d.values()):
print(x, end=" ")
```

(a) a b c

(b) 0 1 2

(c) ('a', 0) ('b', 1) ('c', 2)

~~(d)~~ This code produces an error.

6. What is the output produced by the following code?

```python
d = {'a' : 0, 'b': 1, 'c' : 2}
for x in sorted(d.items()):
        print(x, end=" ")
```

(a) a b c
(b) 0 1 2
(c) ('a', 0) ('b', 1) ('c', 2) ✗
(d) This code produces an error.

7. What is the output produced by the following code?

```python
d = {'a' : 0, 'b': 1, 'c' : 2}
for x in sorted(d.keys()):
        print(x, end=" ")
```

(a) a b c ✗
(b) 0 1 2
(c) ('a', 0) ('b', 1) ('c', 2)
(d) This code produces an error.

8. What is the output produced by the following code?

```python
pres = {'george' : 'washington', 'thomas' : 'jefferson','john' : 'adams'}
print(pres.get('washington', 'dc'))
```

(a) george
(b) washington
(c) dc ✗
(d) This code produces an error.

9. What is the output produced by the following code?

```python
pres = {'george' : 'washington', 'thomas' : 'jefferson','john' : 'adams'}
for p in sorted(pres):
        print(p, end=" ")
```

(a) george thomas john
(b) george john thomas ✗
(c) washington jefferson adams
(d) adams jefferson washington
(e) None of the above.