

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?

```
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?

```
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?

```
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?

```
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.