

Quiz 9 C

1.

```
D = {'what': 'doing', 'doing': 'are', 'Saturday?': 'Saturday?', 'next': 'you', 'are': 'what', 'you': 'next'}
```

a) `D["what"] = D["are"]`

```
{'what': 'what', 'doing': 'are', 'Saturday?': 'Saturday?', 'next': 'you', 'are': 'what', 'you': 'next'}
```

b) `D.update({"Sunday": "Saturday?", "what": "what"})`

```
{'what': 'what', 'doing': 'are', 'Saturday?': 'Saturday?', 'next': 'you', 'Sunday': 'Saturday?', 'are': 'what', 'you': 'next'}
```

c) `del D["you"]`

```
{'what': 'doing', 'doing': 'are', 'Saturday?': 'Saturday?', 'next': 'you', 'are': 'what'}
```

d) `D["which"] = D[D["you"]]`

```
{'what': 'doing', 'doing': 'are', 'Saturday?': 'Saturday?', 'next': 'you', 'are': 'what', 'which': 'you', 'you': 'next'}
```

e) `D.clear()`

```
{}
```

2.

```
def secondNeighbors(w, D):
```

```
    neighborsList = D[w]
```

```
    secondNeighborsList = neighborsList
```

```
    for neighbor in neighborsList:
```

```
        # Find the list of neighbors of the word neighbor
```

```
        L = D[neighbor]
```

```
        # For each word in list L, append it to secondNeighborsList,
```

```
        # if it is not already in it. Can be done in 3 lines of code.
```

```
        for word in L:
```

```
            if word not in secondNeighborsList and word != w:
```

```
                secondNeighborsList.append(word)
```

```
    return secondNeighborsList
```