

Quiz 9 B

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 isolatedPairs(D):
```

```
    pairs = [] # List to store pairs
```

```
    # Loop through all keys in the dictionary
```

```
    for k in D:
```

```
        # If the value of k is a list of length 1 and if
```

```
        # the key that k is a neighbor of has k for its only value
```

```
        if len(D[k]) == 1 and D[D[k][0]] == [k]:
```

```
            pairs.append([k, D[k][0]])
```

```
    return pairs
```