Quiz 9A

1.

D = {'what': 22, 'doing': 5, 'Saturday?': 4, 'next': 9, 'are': 11, 'you': 14}

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

{'what': 11, 'doing': 5, 'Saturday?': 4, 'next': 9, 'are': 11, 'you': 14}

b) D.update({"Sunday":25, "what":5})

{'what': 5, 'doing': 5, 'Saturday?': 4, 'next': 9, 'Sunday': 25, 'are': 11, 'you': 14}

c) del D["you"]

{'what': 22, 'doing': 5, 'Saturday?': 4, 'next': 9, 'are': 11}

d) D["which"] = 19

{'what': 22, 'doing': 5, 'Saturday?': 4, 'next': 9, 'are': 11, 'which': 19, 'you': 14}

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
```