

q1:

```
nora@nora-VirtualBox:~/HW3$ ./q1
After reverse: 6 1 8 5 -2 3 7 7 0 4 -1 9
SwapCount: 6
```

q2:

```
Swap count: 0
nora@nora-VirtualBox:~/HW3$ ./q2
After rotate-right-by-3: 8 9 10 1 2 3 4 5 6 7
nora@nora-VirtualBox:~/HW3$
```

q3:

```
After rotate right by 3: 8 9 10 1
nora@nora-VirtualBox:~/HW3$ ./q3
unique_length w: 6
unique: 0 1 2 3 4 5
nora@nora-VirtualBox:~/HW3$
```

q4:

```
Swap count: 0
nora@nora-VirtualBox:~/HW3$ ./q4
max_sum = 3
start: 3 end: 4
nora@nora-VirtualBox:~/HW3$
```

q5:

```
nora@nora-VirtualBox:~/HW3$ ./q5
freq[0] = 3
freq[1] = 2
freq[2] = 3
freq[3] = 3
freq[4] = 3
freq[5] = 2
freq[6] = 2
freq[7] = 2
freq[8] = 2
freq[9] = 3

Sorted: 0 0 0 1 1 2 2 2 3 3 3 4 4 4 5 5 6 6 7 7 8 8 9 9 9
nora@nora-VirtualBox:~/HW3$
```