

CSE 20 Spring 2020

Quiz 3

Solutions

1. (25 Points) What is printed by the following Python program? Write the output exactly as it would appear in the terminal window.

```
r = 2.55
s = 10.082
t = 10.037
A = (r<s)
B = (s<t)
C = (t<=r)
print( A and (B or C) )
print( not (A or B) )
print( (not C) or B )
```

Program output:

```
False
False
True
```

2. (25 Points) What is printed by the following Python program? Write the output exactly as it would appear in the terminal window.

```
def rotate(A, i, j, k):
    temp = A[i]
    A[i] = A[j]
    A[j] = A[k]
    A[k] = temp
# end rotate()

#-- main program -----
L = ['one', 'two', 'three', 'four', 'five']
print(L)
rotate(L, 0, 2, 4)
print(L)
```

Program Output:

```
['one', 'two', 'three', 'four', 'five']
['three', 'two', 'five', 'four', 'one']
```