**CS2030S**

**RECITATION 05**

Q1

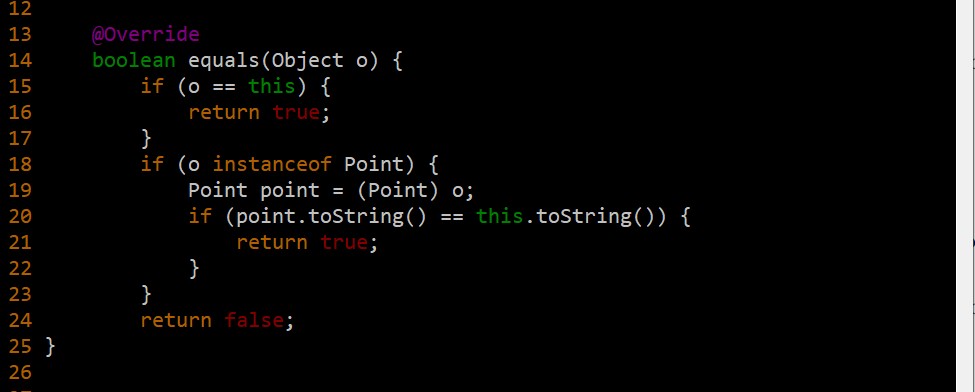
a)

(1, 1)

(1, 1)

-1

b)



c)

(1, 1)

(1, 1)

True

[(1, 1), (1, 1)]

d) override the equals method in the point object with 2 parameters

Q2

1. list initialized => []

list.add(point1) => [point1]

list.add(point2) => [point1, point2] it checks that index 0 has an element already, then it proceeds to index 1 where it is vacant, and places the object inside at index 1]

1. iterator is generic but the for-loop is type-specific (?)

Q3

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main try running function g() which prints 2 then runs function f(), which throws an exception and the finally-clause prints 1. The f() throws an Exception to g(), which receives the exception and does not continue anymore, throwing the exception back to main. Main catches the exception and prints 4

Q4