**CS2030S RECITATION 06**

Q1

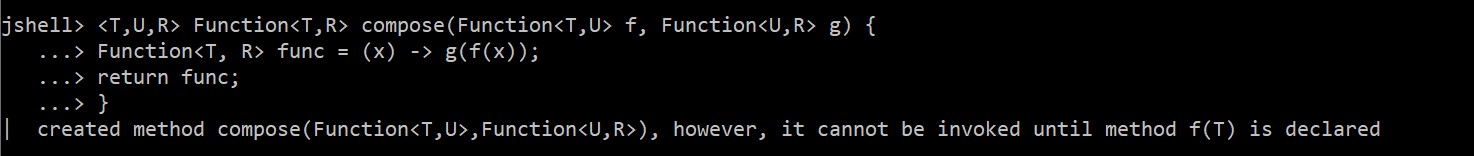
1. Data type is void and the execution is immediate since println is a method under System.out
2. Functional interface only has one method, the command is to use a lambda expression where the body is System.out.println(“CS2030S”)

Q2

1. See code
2. average(list, (x,y) -> x+y, (x,y) -> x\*y)
3. see code

Q3

1. see code (issue below)



1. 25
2. Issue above

Q4

1. Y= 5, x= 7. Still results in 12 but the difference is that it is 2 HOFs.

So instead of add5 = addN(5).apply(7),

it is add5 = addN.apply(5).apply(7)

1. 17
2. Function<Double, Function<Double, Double>>
3. See below

