

CS 111 – Recitation 6

Exercise 1:

- What is a method signature? What are its elements?
- Write the method signature for a method which takes in 2 doubles and returns their average.
- Write the method signature for a method which takes in the user's name and age and returns true if they are an adult.
- Write the method signature for a method which takes in the user's first name and last name as two parameters and returns their name as "last, first".

Exercise 2:

Write your code in `MultiplicationTable.java`. Write a method called `printTable` which takes an integer as a parameter and prints out a multiplication table up to that number.

Ex: $n = 5$

1	2	3	4	5
2	4	6	8	10
3	6	9	12	15
4	8	12	16	20
5	10	15	20	25

Exercise 3:

Write a method called `gcf` in `Methods.java` which takes in 2 integers as parameters and returns their GCF. Now in a separate program called `SimplifyFraction.java`, take 2 numbers as input from the user (numerator and denominator) and use the method you just wrote to simply the fraction and output it.

Ex: numerator = 9, denominator = 12; output: "3/4"