Task 1

1: Include the correct file headers to have access to the required library, this includes iostream and iomanip.

2: We need a constant double to make the conversion from kilos to pounds, so we initialize a kilos-to-pounds variable equal to 2.2.

3: We need variables for weight in pounds and weight in kilos now, we initialize those as double because we will need them to have decimals later.

4: We make a fixed set precision to show (2) decimals, then prompt the user to enter the weight in kilos.

5: Set their input to the weight in kilos and then do a conversion so their input is multiplied with the constant variable.

6: Output the equivalent weight.

Task 2

1: Make a constant variable for the increase in pay and make it assigned to 0.076

2: Make new variables for old salary, salary, monthly salary, and retroactive.

3: At the top add a file header fstream for the library associated.

4: Declare the output file.

5: Open the output file and read the user’s salary

6: Use that to calculate the new salary

7: Use the new salary to make a new monthly salary

8: Use the new and old salary to make the retroactive salary

9: Output all salaries to the screen for the user and to the output file.

Task 3

1: Start by declaring the variables we will be using.

2: Declare the input and output stream variables

3: Open the input and output file

4: Read the data from the input file text

5: Use the new information to calculate the paycheck, average speed and cost of coffee

6: Output the data to the output file

7: close both of the input and output files