

## COMP500 / ENSE501: Week 11 – Exercise:

EXERCISE NAME: *Commenting*

Given the following program source code:

```
1  #define _CRT_SECURE_NO_WARNINGS
2  #include <stdio.h>
3
4  float compute_bill(float starter, float main, float dessert);
5  void print_bill(float starter, float main, float dessert);
6
7  int main(void)
8  {
9      float starter_price = 0.0f;
10     float main_price = 0.0f;
11     float dessert_price = 0.0f;
12
13     printf("Starter price? ");
14     scanf("%f", &starter_price);
15
16     printf("Main price? ");
17     scanf("%f", &main_price);
18
19     printf("Dessert price? ");
20     scanf("%f", &dessert_price);
21
22     printf("\n");
23
24     print_bill(starter_price, main_price, dessert_price);
25
26     return 0;
27 }
28
29 float compute_bill(float starter, float main, float dessert)
30 {
31     return starter + main + dessert;
32 }
33
34 void print_bill(float starter, float main, float dessert)
35 {
36     printf("Starter:  $%6.2f\n", starter);
37     printf("Main:      $%6.2f\n", main);
38     printf("Dessert:  $%6.2f\n", dessert);
39     printf("-----\n");
40     printf("Total:      ");
41     printf("$%6.2f\n", compute_bill(starter, main, dessert));
42 }
```

Add function comments to each function in the following style:

```
1  /*
2  * Function: compute_factorial
3  * -----
4  *   Returns the factorial of the value input
5  *
6  *   param: the number to compute the factorial of
7  *
8  *   returns: the factorial of input
9  */
```