

## Programming Assignment #4 – ISM 3230 Summer 2017

### SAMPLE PROGRAM OUTPUT - **BONUS**

Because there are several different things your program might do depending upon what the user enters, please refer to the examples below to use to test your program. Run your final program one time for each scenario to make sure that you get the expected output.

Be sure to format the output of your program so that it follows what is included in the examples. Remember, in all examples **bold** items are entered by the user when the program runs (and therefore can change each time the program runs).

#### *Scenario 1:* Customer purchases one quantity of multiple items

Please enter your name: **Lisa Miller**

GOOD EATS MENU

- |                       |        |
|-----------------------|--------|
| 1. Salad              | \$4.95 |
| 2. Soup               | \$3.95 |
| 3. Chips and Salsa    | \$3.49 |
| 4. Baked potato       | \$3.95 |
| 5. Turkey sandwich    | \$8.95 |
| 6. Cheeseburger       | \$9.95 |
| 7. Soda               | \$1.50 |
| 8. Bottled water      | \$1.50 |
| 9. Key lime pie       | \$2.99 |
| 10. Complete my order |        |

Please select an item from the menu above: **5**

<Prompt user to enter item quantity> **1** ←do NOT print to the console

Please select another item from the menu above: **2**

<Prompt user to enter item quantity> **1** ←do NOT print to the console

Please select another item from the menu above: **7**

<Prompt user to enter item quantity> **1** ←do NOT print to the console

Please select another item from the menu above: **9**

<Prompt user to enter item quantity> **1** ←do NOT print to the console

Please select another item from the menu above: **3**

<Prompt user to enter item quantity> **1** ←do NOT print to the console

Please select another item from the menu above: **4**

<Prompt user to enter item quantity> **1** ←do NOT print to the console

Please select another item from the menu above: **6**

<Prompt user to enter item quantity> **1** ←do NOT print to the console

Please select another item from the menu above: **1**

<Prompt user to enter item quantity> **1** ←do NOT print to the console

Please select another item from the menu above: **8**

<Prompt user to enter item quantity> **1** ←do NOT print to the console

Please select another item from the menu above: **10**

Thank you for ordering with Good Eats, Lisa Miller

Total items ordered: 9

Price of food ordered: \$41.23

Sales tax: \$ 2.67995

Total amount due: \$ 43.909949999999995

### Scenario 2: Customer purchases 1 quantity of 1 item

Please enter your name: **John Smith**

#### GOOD EATS MENU

- 1. Salad \$4.95
- 2. Soup \$3.95
- 3. Chips and Salsa \$3.49
- 4. Baked potato \$3.95
- 5. Turkey sandwich \$8.95
- 6. Cheeseburger \$9.95
- 7. Soda \$1.50
- 8. Bottled water \$1.50
- 9. Key lime pie \$2.99
- 10. Complete my order

Please select an item from the menu above: **1**

<Prompt user to enter item quantity> **1** ←do NOT print to the console

Please select another item from the menu above: **10**

Thank you for ordering with Good Eats, John Smith

Total items ordered: 1

Price of food ordered: \$4.95

Sales tax: \$ 0.321750000000000004

Total amount due: \$ 5.27175

### Scenario 3: Customer purchases 5 quantity of 1 item

Please enter your name: **Sally**

#### GOOD EATS MENU

- 1. Salad \$4.95
- 2. Soup \$3.95
- 3. Chips and Salsa \$3.49
- 4. Baked potato \$3.95
- 5. Turkey sandwich \$8.95
- 6. Cheeseburger \$9.95
- 7. Soda \$1.50
- 8. Bottled water \$1.50
- 9. Key lime pie \$2.99
- 10. Complete my order

Please select an item from the menu above: **1**

<Prompt user to enter item quantity> **5** ←do NOT print to the console

Please select another item from the menu above: **10**

Thank you for ordering with Good Eats, Sally

Total items ordered: 5

Price of food ordered: \$24.75

Sales tax: \$1.608750000000000001

Total amount due: \$ 26.35875

#### Scenario 4: Customer purchases multiple quantities of all items

Please enter your name: **Sam**

##### GOOD EATS MENU

1. Salad \$4.95
2. Soup \$3.95
3. Chips and Salsa \$3.49
4. Baked potato \$3.95
5. Turkey sandwich \$8.95
6. Cheeseburger \$9.95
7. Soda \$1.50
8. Bottled water \$1.50
9. Key lime pie \$2.99
10. Complete my order

Please select an item from the menu above: **5**

<Prompt user to enter item quantity> **2** ←do NOT print to the console

Please select another item from the menu above: **2**

<Prompt user to enter item quantity> **3** ←do NOT print to the console

Please select another item from the menu above: **7**

<Prompt user to enter item quantity> **5** ←do NOT print to the console

Please select another item from the menu above: **9**

<Prompt user to enter item quantity> **4** ←do NOT print to the console

Please select another item from the menu above: **3**

<Prompt user to enter item quantity> **2** ←do NOT print to the console

Please select another item from the menu above: **4**

<Prompt user to enter item quantity> **2** ←do NOT print to the console

Please select another item from the menu above: **6**

<Prompt user to enter item quantity> **3** ←do NOT print to the console

Please select another item from the menu above: **1**

<Prompt user to enter item quantity> **6** ←do NOT print to the console

Please select another item from the menu above: **8**

<Prompt user to enter item quantity> **4** ←do NOT print to the console

Please select another item from the menu above: **10**

Thank you for ordering with Good Eats, Sam

Total items ordered: 31

Price of food ordered: \$129.64

Sales tax: \$8.426599999999999

Total amount due: \$138.0666

*Scenario 5: Customer purchases 0 items:*

Please enter your name: **David**

GOOD EATS MENU

- |                       |        |
|-----------------------|--------|
| 1. Salad              | \$4.95 |
| 2. Soup               | \$3.95 |
| 3. Chips and Salsa    | \$3.49 |
| 4. Baked potato       | \$3.95 |
| 5. Turkey sandwich    | \$8.95 |
| 6. Cheeseburger       | \$9.95 |
| 7. Soda               | \$1.50 |
| 8. Bottled water      | \$1.50 |
| 9. Key lime pie       | \$2.99 |
| 10. Complete my order |        |

Please select an item from the menu above: **10**

Thank you for ordering with Good Eats, David

Total items ordered: 0

Price of food ordered: \$0.0

Sales tax: \$0.0

Total amount due: \$ 0.0