

**COMP 306 – Fall 2018 – Assignment 01**  
**Due: Friday, 7 Sept, beginning of class**

**Problem:** I run a local restaurant that has a menu that pairs meals and drinks to give customers the ideal meals. I want software for my automated kiosk that will take people's orders, then print the order and their final cost (including 8% sales tax). Food is served at the counter and so there are no tips included.

*There are always three meals and two available drinks per meal. Meals and prices are subject to change, and so it should be easy to update the name and price of individual items in the code (this should be hardcoded, not input).*

1. Smoked Salmon ( \$15.99)
2. Pasta Primavera ( \$11.50)
3. Macaroni and Cheese ( \$9.99)

According to food choice, the customer must then choose from the selected appropriate beverages:

If the customer chooses meal 1, they can choose between iced tea (\$1.99) or lemonade (\$2.99).

If the customer chooses meal 2, they can choose between cranberry juice (\$2.50) or lemonade (\$2.99).

If the customer chooses meal 3, they can choose between iced tea (\$1.99) or ginger beer (\$3.99).

If the customer is over 21 (use a input field for age), then they could have a red wine (\$4.99) with the fish or pasta, or a beer (\$2.59) with the macaroni and cheese.

After meal choice, the program should output the meal and drink ordered, and the total cost for the meal and the customer's name and telephone address.

**Requirements:** Create a web page that implements this functionality.

1. You should have a web page that uses a radio button for the meal and drink options.
2. You must check to ensure that the customer is allowed to choose alcohol based on their age. Put up an alert if they're not.
3. If the customer's order is complete and correct, put the receipt into a <p> tag.
4. **Note:** you do **not** have to make the web page dynamic, i.e., you do not have to show and hide options. Instead, create radio buttons below the meal options that

allow the user to select the appropriate drinks. Your code should note which meal was chosen and look at the appropriate drink options.

5. Submit your web page to Sakai.