

JAVA Assignment



Java Assignment 2.5 – Restaurant Manager/Change Maker

1. **With a partner you are to create a flowchart and program for a restaurant selector.**
 - a. The user will be asked questions about what type of restaurant they would like to eat at for dinner
 - b. The criteria may include (must have 3);
 - i. Cost
 - ii. Style of Food
 - iii. Ambiance
 - iv. Waiting Time
 - c. You must make a recommendation of 12 different restaurants
 - d. You must submit a flowchart created from a computer program (MS Word, Powerpoint, Some Free Internet Program, etc)
 - e. Also, recommend two different meals from each restaurant

2. Change for a 20

- a. Assuming someone has a bill $\leq \$20$, Figure out how many tens, fives, ones, quarters, dimes, nickels and pennies would be given back
- b. Examples include
 - i. 15.73 -> 4 one(s), 1 quarter(s), two pennies
 - ii. 3.67 -> 1 ten, 1 five(s), 1 one(s), 1 quarter(s), 1 nickel and three pennies
 - iii. 8.91 -> 1 ten, 1 one(s), 1 nickel and four pennies
- c. NOTE: Suppress any bills or coins not present
- d. BONUS: Print appropriate words for bills and coins, example 2 ones or 1 one and 3 pennies but 1 penny

3. Be sure to comment your code

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| Project Name | Assign 2-5 Food Rec and Change Calc |
| Class1 Name | RestaurantChooser |
| Class2 Name | ChangeCalculator |

| Rubric | |
|-----------------------------------|-----------|
| Flowchart Restaurant Logic | 15 |
| Restaurant Program | 20 |
| Change Program | 25 |
| Comments | 10 |
| TOTAL | 70 |