This program “Tip Calculator version .1” is designed to calculate the amount of tip that should be left based on the price of a meal. The final amount charged to the customer will also be calculated. Calculating tax is unnecessary, because sales tax is calculated by the restaurant before the check is brought to the customer.

INPUT

The user needs to input the price of their meal. The annotation necessary will be “Thank you for downloading the tip calculator! This program will calculate a fifteen percent tip based on the price of your meal.”

I need to ask the customer to input the cost of their meal. I need to tell the customer what the amount to leave for a tip is, and I need to tell the customer what the final price of the meal is. The variables I need to hold are the price of the meal that is input by the customer, and the result of the calculation.

PROCESS STATEMENTS

I need to calculate a multiplication problem.

Formula

(PRICE) x .15 = (TIP)

Formula 2

(PRICE) + (TIP) = (FINAL COST)

OUTPUT

The customer needs to see prompts asking them to enter their cost, and a brief description of all information needs to be present so the customer understands what is being explained to them. Examples “Thank you for downloading Tip Calculator! Please enter your meal price.” “Tip amount” “Final cost” etc.

1. //RICKY HOWE
2. // SDEV 120
3. //3-26-2020
4. //In class challenge 2
5. DECLARE Price, Tip, Cost as float
6. WRITE “Thank you for downloading Tip Calculator! Please enter meal price.”
7. INPUT Price
8. SET Tip = Price \* .15
9. SET Cost = Price + Tip
10. WRITE “for a meal price of $” + Price + “ a fifteen percent tip will be $” + Tip +”
11. WRITE “Your final price will be $” + Cost + “ .”