

Project 1

Project 1

- This program, shown in pseudocode, asks the user for information about a bill they've received, and calculates and prints out how much they should pay in total.
- Translate this pseudocode into a Python program.
- Ask the user how much the bill is
- Ask the user what the tax percentage is
- Ask the user what percentage they want the tip to be.
- Calculate and print the total cost of the bill.
- For this program, the names of the variables are not given to you. You should choose meaningful variable names.

Project 1

- Here is some sample output, with the user input in red. (Yours does not have to match this word for word, but it should be similar. The calculated cost should be the exact same, given the same input.)

Sample output:

```
$ python project1_part1.py
```

Program to calculate total bill based on tax and tip.

How much is the bill? 100

How much is tax in your area? 6

What percentage do you want to tip? 15

The total cost of the meal will be 121.0

```
$ python project1_part1.py
```

How much was the bill? 26.88

How much is tax in your area? 4.5

What percentage do you want to tip? 16.7

The total cost of the meal will be 32.578559999999996

Project 1

- This program, shown in pseudocode, asks the user for information about how many items of food they want to buy at a fixed price, and calculates and prints out the total cost of the meal.

Translate this pseudocode into a Python program.

Use variables to set number values for the cost of pizza slices, burgers, and cookies.

Ask the user how many pizza slices, burgers, and cookies they want to order. Calculate and print the total cost of the food items.

For this program, the names of the variables are not given to you. You should choose meaningful variable names.

Project 1

- Here is some sample output, using sample cost values for an imaginary restaurant. (The price of your pizza slices, hamburgers, and cookies should be different.)
- The user input is shown in red.
- (Yours does not have to match this word for word, but it should be similar. The calculated costs should be the exact same, given the same input and dish costs.)
- `$ python project1_part2.py`
- Program to calculate total cost of fast food items at a restaurant
- How much does Pizza slices cost? 3.5
- How many pizza slices would you like to order? 3
- How much does Burgers cost? 6.8
- How many burgers would you like to order? 1
- How much does cookies cost? 0.99
- How many cookies would you like to order? 5
- The total cost of your meal will be 22.25