



Python from Scratch Weekly Assignment

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Problem 1:

Use the following dictionary objects for this assignment:

```
dict_aisle = { "A100": ['bananas', 'milk', 'bread'],
               "A101": ['pens', 'pencils', 'paper'],
               "A102": ['canned_peas', 'canned_carrots', 'canned_beans'],
               "A103": ['plates', 'glasses', 'table_cloth']
             }

dict_employee_IDs = {"ID01": 'John Papa',
                    "ID02": 'David Thompson',
                    "ID03": 'Terry Gao',
                    "ID04": 'Barry Tex'}
```

Perform the following Operation on given dictionary data:

- 1.Print the name of the ID "ID02" from the dictionary dict_employee_IDs
- 2.Delete aisle "A102" from the dictionary dict_aisle

CODE1:

In []:

In []:

Problem 2:

Use the following dictionary objects for this assignment:

```
dict_aisle = { "A100": ['bananas', 'milk', 'bread'],
               "A101": ['pens', 'pencils', 'paper'],
               "A102": ['canned_peas', 'canned_carrots', 'canned_beans'],
               "A103": ['plates', 'glasses', 'table_cloth']
             }

Perform the following Operation on given dictionary data:

- 1.Prompt the user to enter the name of the item:
  - a.If found, display the aisle number of the item.
  - b.if not found, display a message "Item Not Found!!"
- 2.Add the following aisle to the dict_aisle:
  - a.Aisle No: B101
  - b.Items on aisle: kids toys, kids clothes
- 3. Print the dict_aisle as below:

```
A100 : ['bananas', 'milk', 'bread']
A101 : ['pens', 'pencils', 'paper']
A102 : ['canned peas', 'canned carrots', 'canned beans']
A103 : ['plates', 'glasses', 'table cloth']
B101 : ['Kids toys', 'Kids cloths']
```

```

CODE2:

In []:

In []:

Problem 3:

```
Use the following dictionary objects for this assignment:
# Fruit : price
inventory = { "banana": 0.25,
              "watermelon": 5.25,
              "orange": 0.50,
              "peer": 0.40,
              "apple": 0.30,
              "kiwi": 0.75,
            }
```

Perform the following Operation on given dictionary data:

- 1.Prompt the user to enter the quantity of each fruit and display the total cost of the purchase.

CODE3:

In []:

In []:

In []: