

# Shopping Cart Problem (Easy)

- File Structure

```
/
solutions/
|-- README.md
`-- SlaYpoint_Adithya
    |-- __pycache__
    |   |-- compute.cpython-38.pyc
    |   |-- invoice.cpython-38.pyc
    |   `-- user.cpython-38.pyc
    |-- bills
    |   |-- 2020-7-316:49:30_adithya.txt
    |   `-- 2020-7-316:52:57_jack.txt
    |-- compute.py
    |-- invoice.py
    |-- main.py
    `-- user.py
```

To run the console based app

```
$python main.py
```

- Description

- The list of products along with their prices are passed to **entry(List)**. This function accepts customer details like Name, PhoneNo, Payment method. It displays the list of products available to be purchased, asks the user to choose from it along with its quantity.
- The language used is very casual, to make the environment interactive and engage the customer.
- Used a dictionary to store purchased products with quantities as keys.
- These are passed to **compute(Dict, List)** to compute the prices, calculate total tax and return the final amount to be paid.

```

Enter your name : Adithya
Hey Adithya. Welcome to GadgetifyWithGSBlr.
Enter your phone no. :9738383637
Payment Method (cash/card/online) :cash
Available products in our store
-----
PRODUCT          PRICE
-----
A                1200
B                 600
C                 200
D                 800
E                 300
-----

What do you want to buy ? B
How many do you want to buy ? 3
Do you want to buy anything else ?(Y/N) n
Thank You Adithya for shopping !

```

```

D                 800
E                 300
-----

What do you want to buy ? f
Sorry! Choose only from the below
-----
PRODUCT          PRICE
-----
A                1200
B                 600
C                 200
D                 800
E                 300
-----

What do you want to buy ? b
How many do you want to buy ? `
Please enter an integer!
What do you want to buy ? b
How many do you want to buy ? 2
Do you want to buy anything else ?(Y/N) n
Thank You Kay for shopping !

```

- Finally, all these are passed to the **bill(name, phno, paym, List, Dict, prices, taxamt, payamt)** function that generates an invoice bill as a BillingDate-BillingTime\_CustomerName.txt file and stores them inside the bills folder.

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>>	>>	>>	>>	>>	GADGETIFYWithGSBlr
>>	>>	>>	>>	>>	311/5 Akshay nagar, Bangalore, Karnataka, India
>>	>>	>>	>>	>>	Call +919988776655

>>	>>	>>	>>	>>	>>	>>	>>	>>	>>	Date: 2020-7-3
>>	>>	>>	>>	>>	>>	>>	>>	>>	>>	Time:19:33:8

Customer Name: Adithya  
Customer PhoneNo.: 9738383637  
Payment method: cash

=====

>>	>>	ITEM>	QUANTITY>	PRICE>	TOTAL
>>	>>	B>	3 >>>	600 >>	1800

-----

>>	>>	>>	>>	>>	Total tax : Rs. 108.0
>>	>>	>>	>>	>>	Final amount : Rs. 1908.0

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>> >> >> Thank You Adithya for your shopping!

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