

Hello,

I am Ansh Srivastav.

I Have Just Implement a coffee maker project with the help of Python Object – Oriented Programing in which for storing the data’s for coffee machine I have used JSON. So in this project we can add coffee, order coffee and maintain your machine

# 1. The Backend Machine

In this Backend Machine we having three functionality

```
1. Enter Ingredient "  
2. Update Ingredient  
3. Show Ingredient ")
```

```
> 1. For Backend Machine ")  
> 2. For Frontent Machine ")  
> 3. For Exit")  
)
```

- 1. Enter Ingredient----> You Can Add Ingredient according you because wherever you order a coffee your machine Ingredient will get less  
You can enter Ingredient Like  
(a) Water  
(b) Milk  
(c) Sugar  
(d) Coffee
- 2. Update Ingredient ----->>> You Can Also Update Your Ingredient
- 3. Show Ingredient ---->>>> You can Also Your Ingredient Which You have Added

# 2. The Frontend Machine

In this Fronted We Having 4 Functionality

```
> 1. Add New Coffee"  
> 2. Plan A Coffee")  
> 3. Show Menu Card"  
> 4. Order A Coffee"
```

- 1. Add New Coffee ----->>> You can add any number of coffee you can set price for a coffee  
And set the milk, water and sugar for coffee (Please set the Ingredient for coffee carefully)  
Because whenever you order a coffee you adding Ingredient will get less from the Backend  
Machine based on Ingredient whatever you have passed while adding new coffee.
- 2. Plan New Coffee----->>> If You Want any special coffee according to you, you can but by default special coffee price will be only 400/ rs.
- 3. Show Menu Card ---->>>> By Default You will see these coffee in your menu.

```
-----  
| Coffee Name : Americano 350 ₹. |  
| Coffee Name : Cappuccino 400 ₹. |  
| Coffee Name : Espresso 250 ₹. |  
| Coffee Name : Flat White 300 ₹. |  
| Coffee Name : Latte 400 ₹. |  
| Coffee Name : Mocha 350 ₹. |  
| Coffee Name : Oat Milk Latte 400 ₹. |  
-----
```

- 4. Order Coffee ----->>> You can Order any of these Coffee and you also need to be enter the coffee price  
If you entered the less price then your order will be not serverd but you enter more money from the coffee price  
So it will Then it will return your remaining money like this

```
Enter Which Coffee You Want :Latte  
Please Enter Cash Here :550  
Here's Your Balance Money 150₹ Take it  
  
Your Coffee is Getting Ready in 15 Sec Wait a While ...
```