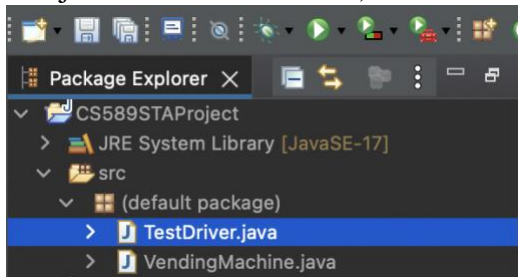


Instructions for executing the code

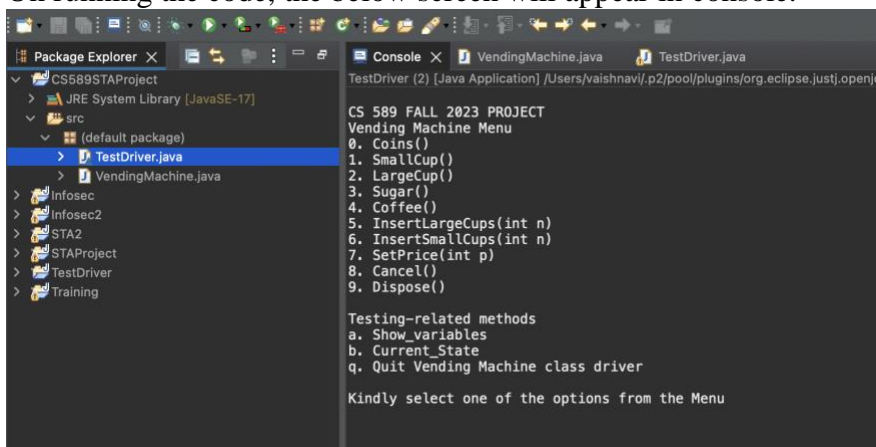
1. Steps to run the code in Eclipse

- In Eclipse, place the java files (VendingMachine.java and TestDriver.java) within the default package. (In the below screenshot, I have added new project CS589STAPProject and placed the .java files within the src)

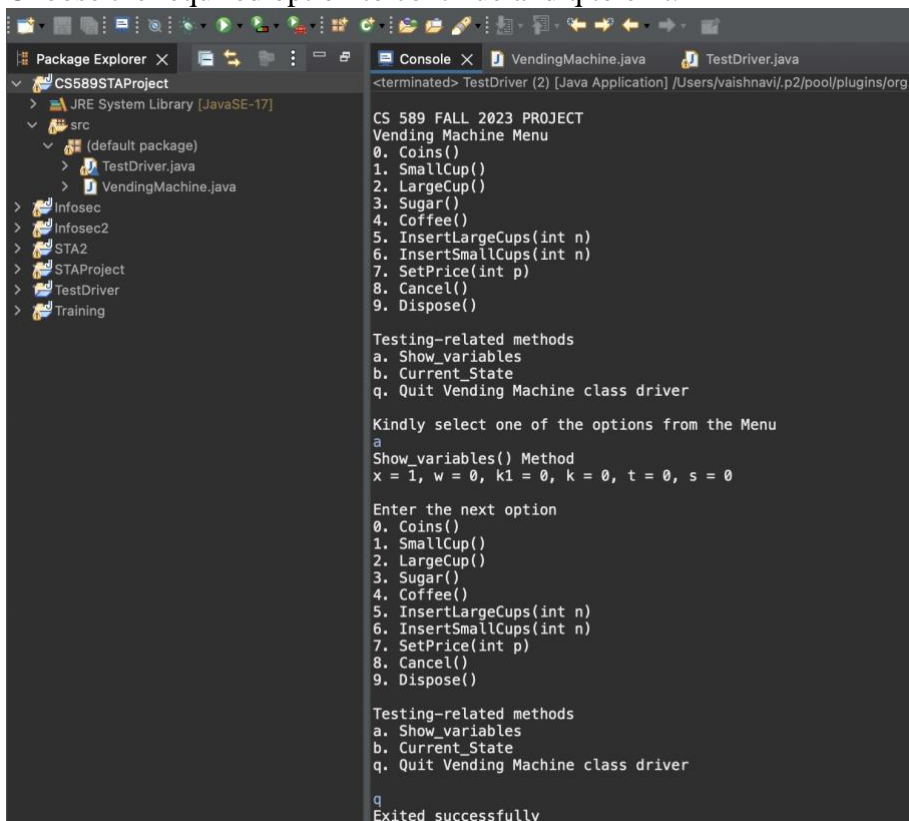


- Run the code.

On running the code, the below screen will appear in console.



Choose the required option to continue and q to exit.



We can use IntelliJ IDE as well. (I have tested it and it works as expected)

2. Steps to run the code via jar

- Within the Terminal, go to the path where the .jar file is placed and run the below command 'java -jar Console.jar'

```
((base) vaishnavi@Vaishnavis-MacBook-Air-2 CS589_Project_A20519894_Vaishnavi % pwd
/Users/vaishnavi/Desktop/STAPProject/CS589_Project_A20519894_Vaishnavi
((base) vaishnavi@Vaishnavis-MacBook-Air-2 CS589_Project_A20519894_Vaishnavi % ls
Console.jar      Source Code
((base) vaishnavi@Vaishnavis-MacBook-Air-2 CS589_Project_A20519894_Vaishnavi % java -jar Console.jar

CS 589 FALL 2023 PROJECT
Vending Machine Menu
0. Coins()
1. SmallCup()
2. LargeCup()
3. Sugar()
4. Coffee()
5. InsertLargeCups(int n)
6. InsertSmallCups(int n)
7. SetPrice(int p)
8. Cancel()
9. Dispose()

Testing-related methods
a. Show_variables
b. Current_State
q. Quit Vending Machine class driver

Kindly select one of the options from the Menu
█
```

- Choose the required option to continue and q to exit.

```
((base) vaishnavi@Vaishnavis-MacBook-Air-2 CS589_Project_A20519894_Vaishnavi % java -jar Console.jar

CS 589 FALL 2023 PROJECT
Vending Machine Menu
0. Coins()
1. SmallCup()
2. LargeCup()
3. Sugar()
4. Coffee()
5. InsertLargeCups(int n)
6. InsertSmallCups(int n)
7. SetPrice(int p)
8. Cancel()
9. Dispose()

Testing-related methods
a. Show_variables
b. Current_State
q. Quit Vending Machine class driver

Kindly select one of the options from the Menu
a
Show_variables() Method
x = 1, w = 0, k1 = 0, k = 0, t = 0, s = 0

Enter the next option
0. Coins()
1. SmallCup()
2. LargeCup()
3. Sugar()
4. Coffee()
5. InsertLargeCups(int n)
6. InsertSmallCups(int n)
7. SetPrice(int p)
8. Cancel()
9. Dispose()

Testing-related methods
a. Show_variables
b. Current_State
q. Quit Vending Machine class driver

q
Exited successfully
((base) vaishnavi@Vaishnavis-MacBook-Air-2 CS589_Project_A20519894_Vaishnavi % █
```