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# ITP Project Report - Group 15

## Automated Coffee Machine

Prepared for: C2 Assessment

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### **Objective**

Design a program to automate a coffee machine, which can perform the operations like the customer wants to buy a coffee so the buyer can choose the number of coffee items, can select the different types or deselect. After the end, shows total price, exit or continue.

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# WELCOMES THE USER!

AND WAITS FOR USER INPUT

```
>Last login: Sun Oct 27 19:50:59 on ttys000
nothex@lith ~ % /Users/nothex/Google\ Drive/Academics/ITP\ C2\ Project/main ;
exit;

=====
* Welcome to ROSE's Coffee Machine! *
-----
-----
-----  
Everything gets better with coffee!
-----
Press return/enter key to get the ROSE's Coffee Machine MENU CARD...
```

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## SHOWS MENU CARD

ASKS USER TO TYPE IN THE ITEM NUMBER

ASKS TO ENTER QUANTITY OF THE SELECTED ITEM

```
nothex — main — main — 78x27
-----
Everything gets better with coffee!
-----
Press return/enter key to get the ROSE's Coffee Machine MENU CARD...

Type in the coffee number to select it:

1 -> Flat White      ->250
2 -> Caffe Mocha     ->230
3 -> Cappuccino       ->200
4 -> Americano        ->185
5 -> PO French Press   ->195
6 -> Espresso          ->175
7 -> Hot Chocolate     ->160
```

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OPTIONS TO

## EDIT ORDER, ADD ITEMS TO ORDER OR FINALIZE THE ORDER

AFTER ORDERING THE FIRST ITEM

```
nothex — main — main — 78x27
3 -> Cappuccino      ->200
4 -> Americano       ->185
5 -> PO French Press ->195
6 -> Espresso          ->175
7 -> Hot Chocolate     ->160

3

You have selected: Cappuccino
How many of Cappuccino do you desire to order:
6

Congratulations, You have added 6 Cappuccino to your cart!

To edit your current order, press E!
To add items to your order, press A!
To finalize your order, press F!
```

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IN THE ADD MODE,

ASK USER TO SELECT ITEM TO ADD AND THEN ASKS FOR QUANTITY OF  
SELECTED ITEM

```
nothex — main — main — 78x27

To add items to your order, press A!
To finalize your order, press F!
A

Select Mode:
-----
Type in the coffee number to select it:

1 -> Flat White      ->250
2 -> Caffe Mocha     ->230
3 -> Cappuccino       ->200
4 -> Americano        ->185
5 -> PO French Press  ->195
6 -> Espresso          ->175
7 -> Hot Chocolate     ->160
```

```
nothex — main — main — 78x27

3 -> Cappuccino      ->200
4 -> Americano        ->185
5 -> PO French Press  ->195
6 -> Espresso          ->175
7 -> Hot Chocolate     ->160

2

You have selected: Caffe Mocha

How many of Caffe Mocha do you desire to order:
3

Congratulations, You have added 3 Caffe Mocha to your cart!

To edit your current order, press E!
To add items to your order, press A!
To finalize your order, press F!
```

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IN THE EDIT MODE,

ASKS THE USER TO SELECT THE ITEM HE/SHE WISHES TO REMOVE  
THEN, ASKS FOR QUANTITY OF THE SELECTED ITEM

```
nothex — main — main — 78x27
To add items to your order, press A!
To finalize your order, press F!
E

Edit Mode:
-----
2 -> Caffe Mocha      Quantity-> 3
3 -> Cappuccino       Quantity-> 6
Enter number of coffee that you wish to drop:
2

How many of Caffe Mocha do you wish to remove: 2
You have successfully removed 2 Caffe Mocha from your cart!

To edit your current order, press E!
To add items to your order, press A!
To finalize your order, press F!
```

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TO FINALIZE THE ORDER,  
ASKS FOR CONFIRMATION  
IF CONFIRMED, PRINTS OUT RECEIPT  
ELSE LOOPS BACK TO SELECTION MENU

```
nothex — main — 78x27
Are you sure that you want to finalize the order of:
2 -> Caffe Mocha      Quantity-> 1
3 -> Cappuccino       Quantity-> 6

Your total will be - Rs. 1430
-----
Type Y for YES, Type N for NO
Y
-----
Amount of Rs.1430 has been debited from your debit card!
Thank you for choosing ROSE's Coffee Machine!
=====
Please collect your order of:

# Caffe Mocha      Quantity-> 1
# Cappuccino       Quantity-> 6
=====
[Process completed]
```

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Thank you!