

Output and Results Discussion

When the program starts, the user is given with choice to either login as an owner or an employee.

```
WELCOME TO THE PINNACLE
-----

1. LOGIN
2. EXIT

ENTER CHOICE
```

```
THE PINNACLE
-----

1. OWNER LOGIN
2. EMPLOYEE LOGIN
3. EXIT

ENTER CHOICE
█
```

Firstly, the user chooses to login as an owner and the password is “owner”.

```
THE PINNACLE
-----

1. OWNER LOGIN
2. EMPLOYEE LOGIN
3. EXIT

ENTER CHOICE
1

ENTER OWNER PASSWORD
*****
OWNER ACCESS GRANTED

PRESS ANY KEY TO CONTINUE
█
```

Then the owner(user) is provided with a menu with different options which are shown in the screen shot below. The owner chooses to add new employee to his/her canteen.

```
THE PINNACLE
-----

1. DISPLAY ALL EMPLOYEE DETAILS
2. ADD NEW EMPLOYEE DETAILS
3. REMOVE OLD EMPLOYEE DETAILS
4. VIEW SALES RECORD
5. CLEAR SALES RECORD
6. STOREPAGE
7. EXIT

ENTER CHOICE
2█
```

Employee details are asked, and the owner enters them.

```
THE PINNACLE
-----

ENTER NAME OF EMPLOYEE
XYZ
ENTER AGE OF EMPLOYEE
19
ENTER SALARY OF EMPLOYEE
20000

EMPLOYEE ADDED

PRESS ANY KEY TO CONTINUE
```

Then the owner decided to delete an employee details, so he/she chooses the 3rd option.

```
THE PINNACLE
-----

1. DISPLAY ALL EMPLOYEE DETAILS
2. ADD NEW EMPLOYEE DETAILS
3. REMOVE OLD EMPLOYEE DETAILS
4. VIEW SALES RECORD
5. CLEAR SALES RECORD
6. STOREPAGE
7. EXIT

ENTER CHOICE
3
```

XYZ employee details are removed.

```
THE PINNACLE
-----

ENTER THE NAME OF EMPLOYEE YOU WISH TO REMOVE
XYZ

EMPLOYEE REMOVED

PRESS ANY KEY TO CONTINUE
```

Now, the owner decides to display the employee details.

```
THE PINNACLE
-----

1. DISPLAY ALL EMPLOYEE DETAILS
2. ADD NEW EMPLOYEE DETAILS
3. REMOVE OLD EMPLOYEE DETAILS
4. VIEW SALES RECORD
5. CLEAR SALES RECORD
6. STOREPAGE
7. EXIT

ENTER CHOICE
1
```

No employee such as XYZ exists.

```
THE PINNACLE
-----

EMPLOYEE - AGE - SALARY
-----
Amna - 19 - 20000

PRESS ANY KEY TO CONTINUE
```

In order to view the sales record, the owner chooses option 4.

```
THE PINNACLE
-----

1. DISPLAY ALL EMPLOYEE DETAILS
2. ADD NEW EMPLOYEE DETAILS
3. REMOVE OLD EMPLOYEE DETAILS
4. VIEW SALES RECORD
5. CLEAR SALES RECORD
6. STOREPAGE
7. EXIT

ENTER CHOICE
4
```

And the sales made so far are shown.

```
THE PINNACLE
-----

NAME - AMOUNT
-----
Amna - $300
XYZ - $300

PRESS ANY KEY TO CONTINUE
```

The owner can also choose to clear sale record.

```
THE PINNACLE
-----

1. DISPLAY ALL EMPLOYEE DETAILS
2. ADD NEW EMPLOYEE DETAILS
3. REMOVE OLD EMPLOYEE DETAILS
4. VIEW SALES RECORD
5. CLEAR SALES RECORD
6. STOREPAGE
7. EXIT

ENTER CHOICE
5
```

```
THE PINNACLE
-----

CLEAR SALES RECORD [Y]
Y

SALES RECORD CLEARED

PRESS ANY KEY TO CONTINUE
```

By choosing the 6th option the owner can manage the inventory i.e., the food items, their prices, and their quantities.

```
THE PINNACLE
-----

1. DISPLAY ALL EMPLOYEE DETAILS
2. ADD NEW EMPLOYEE DETAILS
3. REMOVE OLD EMPLOYEE DETAILS
4. VIEW SALES RECORD
5. CLEAR SALES RECORD
6. STOREPAGE
7. EXIT

ENTER CHOICE
6
```

The user can also login as an employee and the password is “employee”.

```
THE PINNACLE
-----

1. OWNER LOGIN
2. EMPLOYEE LOGIN
3. EXIT

ENTER CHOICE
2
ENTER EMPLOYEE PASSWORD
*****
EMPLOYEE ACCESS GRANTED

PRESS ANY KEY TO CONTINUE
```

The employee(user) also has access to manage the inventory of the canteen and is able to take orders and view sales record.

```
THE PINNACLE
-----

PLEASE UPDATE THE PRICE AND QUANTITY OF
ITEMS IN MANAGE INVENTORY BEFORE PROCEEDING

1. MANAGE INVENTORY
2. VIEW INVENTORY
3. TAKE ORDER
4. VIEW SALES RECORD
5. EXIT

ENTER CHOICE
1_
```

When the employee chooses to manage the inventory, he/she is given with the choice to edit the price and quantity of the food items.

```
THE PINNACLE
-----

1. EDIT PRICE
2. ENTER QUANTITY

ENTER CHOICE
1
```

The employee then allots prices to the food items.

```
THE PINNACLE
-----

NEW INVENTORY
ITEM - PRICE
-----
SNACKS - 50
MAGGI - 30
SOFTDRINK - 50

PRESS ANY KEY TO CONTINUE
█
```

The employee can also stock the quantity as he/ she wills.

```
THE PINNACLE
-----

1. EDIT PRICE
2. ENTER QUANTITY

ENTER CHOICE
2█
```

The quantity of the food items to be present in the canteen are entered.

```
THE PINNACLE
-----

NEW INVENTORY
ITEM - QUANTITY
-----
SNACKS - 100
MAGGI - 100
SOFTDRINK - 100

PRESS ANY KEY TO CONTINUE
█
```

The inventory details can be viewed by the employee by choosing the 2nd option.

```
THE PINNACLE
-----

PLEASE UPDATE THE PRICE AND QUANTITY OF
ITEMS IN MANAGE INVENTORY BEFORE PROCEEDING

1. MANAGE INVENTORY
2. VIEW INVENTORY
3. TAKE ORDER
4. VIEW SALES RECORD
5. EXIT

ENTER CHOICE
2
```

```
THE PINNACLE
-----

PRICE OF ITEMS IN CANTEEN
ITEM - PRICE
-----
SNACKS - 50
MAGGI - 30
SOFTDRINK - 50

QUANTITY OF ITEMS IN CANTEEN
ITEM - QUANTITY
-----
SNACKS - 100
MAGGI - 100
SOFTDRINK - 100

PRESS ANY KEY TO CONTINUE

```

The employee is able to take orders by choosing the option three.

```
THE PINNACLE
-----

PLEASE UPDATE THE PRICE AND QUANTITY OF
ITEMS IN MANAGE INVENTORY BEFORE PROCEEDING

1. MANAGE INVENTORY
2. VIEW INVENTORY
3. TAKE ORDER
4. VIEW SALES RECORD
5. EXIT

ENTER CHOICE
3
```

The menu is provided to the customer and the quantity of the item they choose to buy is asked along with if they want to add more items to their order.

```
THE PINNACLE
-----

1. SNACKS
2. MAGGI
3. SOFT DRINK
4. EXIT

ENTER ITEM TO ORDER
1
ENTER QUANTITY
3

ORDER ANOTHER ITEM [Y]
Y
```

```
THE PINNACLE
-----

1. SNACKS
2. MAGGI
3. SOFT DRINK
4. EXIT

ENTER ITEM TO ORDER
1
ENTER QUANTITY
3

ORDER ANOTHER ITEM [Y]
Y
```

```
THE PINNACLE
-----

1. SNACKS
2. MAGGI
3. SOFT DRINK
4. EXIT

ENTER ITEM TO ORDER
3
ENTER QUANTITY
3

ORDER ANOTHER ITEM [Y]
n_
```

After the order is finalized the customer's name is entered and their bill is printed.

```
THE PINNACLE
-----

ENTER NAME OF CUSTOMER
XYZ
```

```
THE PINNACLE
-----

BILL : PAY FOLLOWING AMOUNT
CUSTOMER NAME : XYZ
TOTAL COST IS : $300
THANK YOU

PRESS ANY KEY TO CONTINUE
```

The customer can also place a new order if they want to.

```
THE PINNACLE
-----

1. NEW ORDER
2. EXIT

ENTER CHOICE
2
```

```
THE PINNACLE
-----

PLEASE UPDATE THE PRICE AND QUANTITY OF
ITEMS IN MANAGE INVENTORY BEFORE PROCEEDING

1. MANAGE INVENTORY
2. VIEW INVENTORY
3. TAKE ORDER
4. VIEW SALES RECORD
5. EXIT

ENTER CHOICE
4_
```

THE PINNACLE

NAME - AMOUNT

Amna - \$300
XYZ - \$300

PRESS ANY KEY TO CONTINUE