

## OUTPUTS :

```
-----  
WELCOME TO WAREHOUSE MANAGEMENT SYSTEM  
-----  
  
SELECT YOUR ROLE:  
-----  
1. ADMIN  
2. EMPLOYEE  
3. CUSTOMER  
4. EXIT  
  
ENTER YOUR CHOICE (1,2,3,4):1  
WELCOME SEETHA!!!  
ENTER YOUR PASSWORD (ADMIN PASSWORD): jeep21sa  
Authentication failed. Sorry!
```

```
-----  
WELCOME TO WAREHOUSE MANAGEMENT SYSTEM  
-----  
  
SELECT YOUR ROLE:  
-----  
1. ADMIN  
2. EMPLOYEE  
3. CUSTOMER  
4. EXIT  
  
ENTER YOUR CHOICE (1,2,3,4):1  
WELCOME SEETHA!!!  
ENTER YOUR PASSWORD (ADMIN PASSWORD): apple7  
  
Admin Menu:  
1. Add Employee  
2. Remove Employee  
3. Update Employee  
4. Add Customer  
5. Remove Customer  
6. Update Customer  
7. Display Employee Details  
8. Display Customer Details  
9. Display Product Details  
10. Back  
Enter your choice: 1  
Enter employee name: Seenu  
Seetha added employee: Seenu
```

```
Enter your choice: 7
Employees:
Ramesh
Bindhu
Seenu

Admin Menu:
1. Add Employee
2. Remove Employee
3. Update Employee
4. Add Customer
5. Remove Customer
6. Update Customer
7. Display Employee Details
8. Display Customer Details
9. Display Product Details
10. Back
Enter your choice: 8
Customers:
Ammu
Praveen

Admin Menu:
1. Add Employee
2. Remove Employee
3. Update Employee
4. Add Customer
5. Remove Customer
6. Update Customer
7. Display Employee Details
8. Display Customer Details
```

```
Enter your choice: 3
Enter employee name: Seenu
Enter new name: Ramamurthi
Seetha updated employee name to: Ramamurthi

Admin Menu:
1. Add Employee
2. Remove Employee
3. Update Employee
4. Add Customer
5. Remove Customer
6. Update Customer
7. Display Employee Details
8. Display Customer Details
9. Display Product Details
10. Back
Enter your choice: 7
Employees:
Ramesh
Bindhu
Ramamurthi

Admin Menu:
1. Add Employee
2. Remove Employee
3. Update Employee
4. Add Customer
5. Remove Customer
6. Update Customer
7. Display Employee Details
8. Display Customer Details
```

```
Enter your choice: 4
Enter customer name: Kishore
Seetha added customer: Kishore
```

```
Admin Menu:
1. Add Employee
2. Remove Employee
3. Update Employee
4. Add Customer
5. Remove Customer
6. Update Customer
7. Display Employee Details
8. Display Customer Details
9. Display Product Details
10. Back
```

```
Enter your choice: 8
```

```
Customers:
```

```
Ammu
```

```
Praveen
```

```
Kishore
```

```
Admin Menu:
1. Add Employee
2. Remove Employee
3. Update Employee
4. Add Customer
5. Remove Customer
6. Update Customer
7. Display Employee Details
8. Display Customer Details
9. Display Product Details
```

```
Enter your choice: 2
Enter employee name: Ramamurthi
Seetha removed employee: Ramamurthi
```

```
Admin Menu:
1. Add Employee
2. Remove Employee
3. Update Employee
4. Add Customer
5. Remove Customer
6. Update Customer
7. Display Employee Details
8. Display Customer Details
9. Display Product Details
10. Back
```

```
Enter your choice: 7
```

```
Employees:
```

```
Ramesh
```

```
Bindhu
```

```
Admin Menu:
1. Add Employee
2. Remove Employee
3. Update Employee
4. Add Customer
5. Remove Customer
6. Update Customer
7. Display Employee Details
8. Display Customer Details
9. Display Product Details
10. Back
```

```
Enter your choice: 10

SELECT YOUR ROLE:
-----
1. ADMIN
2. EMPLOYEE
3. CUSTOMER
4. EXIT

ENTER YOUR CHOICE (1,2,3,4):2
Enter employee name: Bindhu

Employee Menu:
1. Add Product
2. Remove Product
3. Update Product
4. Display Product Details
5. Display Customer Details
6. Manage Product Stack
7. Manage Product Queue
8. Back
Enter your choice: 1
Enter item name: carrots
Enter item cost (per kg ($)) : 20
Enter item quantity (kg) : 500
Bindhu added item to warehouse: carrots

Employee Menu:
1. Add Product
2. Remove Product
3. Update Product
```

```
Enter your choice: 1
Enter item name: Rice
Enter item cost (per kg ($)) : 32
Enter item quantity (kg) : 789
Bindhu added item to warehouse: Rice

Employee Menu:
1. Add Product
2. Remove Product
3. Update Product
4. Display Product Details
5. Display Customer Details
6. Manage Product Stack
7. Manage Product Queue
8. Back
Enter your choice: 1
Enter item name: Wheat
Enter item cost (per kg ($)) : 55
Enter item quantity (kg) : 1289
Bindhu added item to warehouse: Wheat

Employee Menu:
1. Add Product
2. Remove Product
3. Update Product
4. Display Product Details
5. Display Customer Details
6. Manage Product Stack
7. Manage Product Queue
8. Back
```

```
Enter your choice: 4
Warehouse Inventory:
Name: carrots, Cost (per kg): $20, Quantity: 500 kg
Name: Notebook, Cost (per kg): $20, Quantity: 25 kg
Name: Rice, Cost (per kg): $32, Quantity: 789 kg
Name: Wheat, Cost (per kg): $55, Quantity: 1289 kg
```

```
Employee Menu:
1. Add Product
2. Remove Product
3. Update Product
4. Display Product Details
5. Display Customer Details
6. Manage Product Stack
7. Manage Product Queue
8. Back
```

```
Enter your choice: 2
Enter item name: Notebook
Bindhu removed item from warehouse: Notebook
```

```
Employee Menu:
1. Add Product
2. Remove Product
3. Update Product
4. Display Product Details
5. Display Customer Details
6. Manage Product Stack
7. Manage Product Queue
8. Back
```

```
Enter your choice: 4
Warehouse Inventory:
Name: carrots, Cost (per kg): $20, Quantity: 500 kg
Name: Rice, Cost (per kg): $32, Quantity: 789 kg
Name: Wheat, Cost (per kg): $55, Quantity: 1289 kg
```

```
Employee Menu:
1. Add Product
2. Remove Product
3. Update Product
4. Display Product Details
5. Display Customer Details
6. Manage Product Stack
7. Manage Product Queue
8. Back
```

```
Enter your choice: 6
```

```
Product Stack Menu:
1. Push Product to Stack
2. Pop Product from Stack
3. Display Stack
4. Back
```

```
Enter your choice: 3
Name: Wheat, Cost (per kg): $55, Quantity: 1289 kg
Name: Rice, Cost (per kg): $32, Quantity: 789 kg
Name: carrots, Cost (per kg): $20, Quantity: 500 kg
```

```
Enter your choice: 8

SELECT YOUR ROLE:
-----
1. ADMIN
2. EMPLOYEE
3. CUSTOMER
4. EXIT

ENTER YOUR CHOICE (1,2,3,4):3
Enter customer name: Ammu
```

```
Customer Menu:
1. View Products
2. Order Product
3. Back
```

```
Enter your choice: 2
Enter item name: Rice
Enter quantity (kg) to order: 5
Order Cost: $160
Thanks Ammu!!! You ordered 5 kg of Rice
```

```
Customer Menu:
1. View Products
2. Order Product
3. Back
Enter your choice: 4
Invalid choice. Please try again.
```

```
Customer Menu:
1. View Products
2. Order Product
3. Back
Enter your choice: 3
```

```
SELECT YOUR ROLE:
-----
1. ADMIN
2. EMPLOYEE
3. CUSTOMER
4. EXIT

ENTER YOUR CHOICE (1,2,3,4):4
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```