

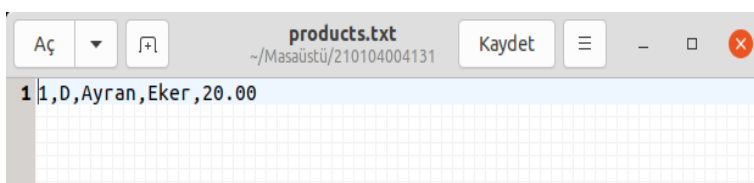
## #MENU

```
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/210104004131$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Welcome operator, please select an option to continue:
1- File Operations
2- Query products
3- Check stock status
4- Stock control by brand
5- Export report
```

## #FILE OPERATIONS

```
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/210104004131$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Welcome operator, please select an option to continue:
1- File Operations
2- Query products
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5- Export report
1
File Operations:
1- Add a new product
2- Delete a product
3- Update a product
4- Add feature to products
5- Add a new stock entry
6- Delete a stock entry
7- Update a stock entry
8- Return to main menu
```

```
File Operations:
1- Add a new product
2- Delete a product
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4- Add feature to products
5- Add a new stock entry
6- Delete a stock entry
7- Update a stock entry
8- Return to main menu
1
Enter the Type (D/F/C/O): D
Enter the Name (max 8 characters): Ayran
Enter the Brand (max 5 characters): Eker
Enter the Price: 20
Product added successfully.
```



```
products.txt
~/Masaüstü/210104004131 Kaydet
1 1,D,Ayran,Eker,20.00
2 2,F,Pogaca,Firin,8.00
3 3,C,Deterjan,Pril,47.00

selenerdogan@selenerdogan-VirtualBox: ~/Masaüstü/21010...
Enter the Name (max 8 characters): Pogaca
Enter the Brand (max 5 characters): Firin
Enter the Price: 8
Product added successfully.
File Operations:
1- Add a new product
2- Delete a product
3- Update a product
4- Add feature to products
5- Add a new stock entry
6- Delete a stock entry
7- Update a stock entry
8- Return to main menu
1
Enter the Type (D/F/C/O): C
Enter the Name (max 8 characters): Deterjan
Enter the Brand (max 5 characters): Pril
Enter the Price: 47
Product added successfully.
File Operations:
1- Add a new product
2- Delete a product
3- Update a product
4- Add feature to products
5- Add a new stock entry
6- Delete a stock entry
7- Update a stock entry
8- Return to main menu
```

```
products.txt
~/Masaüstü/210104004131 Kaydet
1 1,D,Ayran,Eker,20.00
2 2,C,Deterjan,Pril,47.00

selenerdogan@selenerdogan-VirtualBox: ~/Masaüstü/21010...
8- Return to main menu
1
Enter the Type (D/F/C/O): C
Enter the Name (max 8 characters): Deterjan
Enter the Brand (max 5 characters): Pril
Enter the Price: 47
Product added successfully.
File Operations:
1- Add a new product
2- Delete a product
3- Update a product
4- Add feature to products
5- Add a new stock entry
6- Delete a stock entry
7- Update a stock entry
8- Return to main menu
2
Enter the pID of the product to delete: 2
Product deleted successfully.
```

```
products.txt
~/Masaüstü/210104004131 Kaydet
1 1,D,Ayran,Eker,20.00
2 2,C,Deterjan,Pril,52.00

selenerdogan@selenerdogan-VirtualBox: ~/Masaüstü/21010...
7- Update a stock entry
8- Return to main menu
2
Enter the pID of the product to delete: 2
Product deleted successfully.
File Operations:
1- Add a new product
2- Delete a product
3- Update a product
4- Add feature to products
5- Add a new stock entry
6- Delete a stock entry
7- Update a stock entry
8- Return to main menu
3
Enter the pID of the product to update: 2
Enter the feature to update (Type/Name/Brand/Price): Price
Enter the new Price: 52
Product updated successfully.
File Operations:
1- Add a new product
2- Delete a product
3- Update a product
4- Add feature to products
5- Add a new stock entry
6- Delete a stock entry
7- Update a stock entry
8- Return to main menu
```

Enter the Type (D/F/C/O): 0  
Enter the Name (max 8 characters): Kalem  
Enter the Brand (max 5 characters): Faber  
Enter the Price: 8.46  
Product added successfully.

File Operations:

- 1- Add a new product
  - 2- Delete a product
  - 3- Update a product
  - 4- Add feature to products
  - 5- Add a new stock entry
  - 6- Delete a stock entry
  - 7- Update a stock entry
  - 8- Return to main menu
- 4

Enter the name of the new feature: Sale

Feature added successfully.

File Operations:

- 1- Add a new product
  - 2- Delete a product
  - 3- Update a product
  - 4- Add feature to products
  - 5- Add a new stock entry
  - 6- Delete a stock entry
  - 7- Update a stock entry
  - 8- Return to main menu
- 5

Enter the pID: 1

Enter the Branch: Dove

Enter the Current\_stock: 855

Stock entry added successfully.

File Operations:

- 1- Add a new product
  - 2- Delete a product
  - 3- Update a product
  - 4- Add feature to products
  - 5- Add a new stock entry
  - 6- Delete a stock entry
  - 7- Update a stock entry
  - 8- Return to main menu
- 5

Enter the pID: 2

Enter the Branch: Faber

Enter the Current\_stock: 55

Stock entry added successfully.

Aç ▼ [+]

stocks.txt  
~/Masaüstü/210104004131

1 1,1,Dove,855  
2 2,2,Faber,55

Aç ▼ [+]

products.txt  
~/Masaüstü/210104004131

1 1,C,Sabun,Dove,41.85  
2 2,0,Kalem,Faber,8.46

File Operations:

- 1- Add a new product
  - 2- Delete a product
  - 3- Update a product
  - 4- Add feature to products
  - 5- Add a new stock entry
  - 6- Delete a stock entry
  - 7- Update a stock entry
  - 8- Return to main menu
- 6

Enter the sID of the stock entry to be deleted: 1

Stock entry deleted successfully.

File Operations:

- 1- Add a new product
  - 2- Delete a product
  - 3- Update a product
  - 4- Add feature to products
  - 5- Add a new stock entry
  - 6- Delete a stock entry
  - 7- Update a stock entry
  - 8- Return to main menu
- 

Aç ▼ [+]

1 1,2,Faber,55

```

File Operations:
1- Add a new product
2- Delete a product
3- Update a product
4- Add feature to products
5- Add a new stock entry
6- Delete a stock entry
7- Update a stock entry
8- Return to main menu
7
Enter the sID of the stock entry to be updated: 1
Enter the name of the feature to be updated (pID, Branch, Current_stock): Branch
Enter the new Branch: BeeBeauty
Stock entry updated successfully.
File Operations:
1- Add a new product
2- Delete a product
3- Update a product
4- Add feature to products
5- Add a new stock entry
6- Delete a stock entry
7- Update a stock entry
8- Return to main menu

```

stocks.txt			
~/Masaüstü/210104004131			
1	1	2	BeeBeauty,55

```

Enter the Brand (max 5 characters): Ruffles
Enter the Price: 17.75
Product added successfully.
File Operations:
1- Add a new product
2- Delete a product
3- Update a product
4- Add feature to products
5- Add a new stock entry
6- Delete a stock entry
7- Update a stock entry
8- Return to main menu
5

```

```

Enter the pID: 5
Enter the Branch: Torku
Enter the Current_stock: 55
Stock entry added successfully.

```

```

File Operations:
1- Add a new product
2- Delete a product
3- Update a product
4- Add feature to products
5- Add a new stock entry
6- Delete a stock entry
7- Update a stock entry
8- Return to main menu
5

```

```

Enter the pID: 9
Enter the Branch: Nivea
Enter the Current_stock: 41
Stock entry added successfully.

```

```

File Operations:
1- Add a new product
2- Delete a product
3- Update a product
4- Add feature to products
5- Add a new stock entry
6- Delete a stock entry
7- Update a stock entry
8- Return to main menu
8

```

Welcome operator, please select an option to continue

```

1- File Operations
2- Query products
3- Check stock status
4- Stock control by brand
5- Export report

```

stock			
~/Masaüstü/21			
1	1	2	BeeBeauty,55
2	2	5	Torku,55
3	3	9	Nivea,41

product			
~/Masaüstü/21			
1	1	C	Sabun,Dove,41.85
2	2	0	Kalem,Faber,8.46
3	3	D	Ayran,Sutas,5.75
4	4	F	Cips,Ruffles,17.75

## #QUERY

```
Welcome operator, please select an option to continue:
1- File Operations
2- Query products
3- Check stock status
4- Stock control by brand
5- Export report
2
Please select an option to continue:
1- List all products
2- Filter products by brand, type, price, or a user-defined feature
3- Back to main menu
1
pID      Type   Name   Brand   Price
1         C     Sabun   Dove   41.85
2         O     Kalem   Faber   8.46
3         D     Ayran   Sutas   5.75
4         F     Cips    Ruffles 17.75
Please select an option to continue:
1- List all products
2- Filter products by brand, type, price, or a user-defined feature
3- Back to main menu
█
```

```
Please select an option to continue:
1- List all products
2- Filter products by brand, type, price, or a user-defined feature
3- Back to main menu
2
Enter your filter (e.g. 'brand,Samsung,type,0'): brand,Ruffles
Filtered products:
pID      Type   Name   Brand   Price
4         F     Cips    Ruffles 17.75
Please select an option to continue:
1- List all products
2- Filter products by brand, type, price, or a user-defined feature
3- Back to main menu
█
```

```
Please select an option to continue:
1- List all products
2- Filter products by brand, type, price, or a user-defined feature
3- Back to main menu
2
Enter your filter (e.g. 'brand,Samsung,type,0'): type,0
Filtered products:
pID      Type   Name   Brand   Price
2         O     Kalem   Faber   8.46
Please select an option to continue:
1- List all products
2- Filter products by brand, type, price, or a user-defined feature
3- Back to main menu
█
```

```

Please select an option to continue:
1- List all products
2- Filter products by brand, type, price, or a user-defined feature
3- Back to main menu
2
Enter your filter (e.g. 'brand,Samsung,type,0'): brand,Dove
Filtered products:
pID      Type      Name      Brand      Price
1         C         Sabun     Dove       41.85
5         C         Sampuan   Dove       45.65
Please select an option to continue:
1- List all products
2- Filter products by brand, type, price, or a user-defined feature
3- Back to main menu

```

#### #STOCK CONTROL BY BRAND

```

Welcome operator, please select an option to continue:
1- File Operations
2- Query products
3- Check stock status
4- Stock control by brand
5- Export report
4
Enter the brand name: Dove
Products of Dove brand with their current stock:
pID      Price      Current Stock
5         45.65       55

```

#### #EXPORT REPORT

```

Products of Dove brand with their current stock:
pID      Price      Current Stock
5         45.65       55
Welcome operator, please select an option to continue:
1- File Operations
2- Query products
3- Check stock status
4- Stock control by brand
5- Export report
5
Enter the brand name: Dove
Products of Dove brand with their current stock:
pID      Price      Current Stock
5         45.65       55
=====
Completed tests....
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/210104004131$

```