```c
for (int product = 1; product <= product_num; product++)
{
    for (int wordindex = 0; wordindex < feat_num; wordindex++)
    {
        for (int x = 0; x <= index2; x++)
        {   printf("%s**%s\n",all_in_one_array[product][wordindex],filter_criters[x]);
            if (*all_in_one_array[product][wordindex]==*filter_criters[x])
            {

            }
        }
    }
}
```

Terminal — 210104004041 — test ‹ make — 80×24

```
Just enter the value(s) of the feature(s) for ex:(Samsung,F):Samsung,O
1**Samsung
1**O
D**Samsung
D**O
Ayran**Samsung
Ayran**O
Sutas**Samsung
Sutas**O
20.5**Samsung
20.5**O
None**Samsung
None**O
2**Samsung
2**O
F**Samsung
F**O
Simit**Samsung
Simit**O
Firin**Samsung
Firin**O
```

products.txt

```
1   pID,Type,Name,Brand,Price,deneme
2   1,D,Ayran,Sutas,20.5,None
3   2,F,Simit,Firin,8.0,None
4   3,O,Tablet,Apple,32000,None
5   4,D,Su,Erikli,4.5,None
6   5,F,Ekmek,IHE,3.0,None
```

210104004041 — test ‹ make — 80×24

```
Compiling...
----------------------------------------------------
Running the tests....
========================================================================

        Welcome operator,please select a option to continue:
1- File Operations
2- Query products
3- Check stock status
4- Stock control by brand
5- Export report
Option:2
1.List all products
2.Filter products
3.Back to main menu
Option:2
Filter Products by Type,Name,Brand,Price,deneme,
Just enter the value(s) of the feature(s) for ex:(Samsung,F):Samsung
Matched 0

1.List all products
2.Filter products
3.Back to main menu
Option:
```

products.txt ✕   **C util.c**   **C util.h**

products.txt

```
1   pID,Type,Name,Brand,Price,deneme
2   1,D,Ayran,Sutas,20.5,None
3   2,F,Simit,Firin,8.0,None
4   3,O,Tablet,Apple,32000,None
5   4,D,Su,Erikli,4.5,None
6   5,F,Ekmek,IHE,3.0,None
```

📁 **210104004041 — test ‹ make — 80×24**

```
5- Export report
Option:2
1.List all products
2.Filter products
3.Back to main menu
Option:2
Filter Products by Type,Name,Brand,Price,deneme,
Just enter the value(s) of the feature(s) for ex:(Samsung,F):Samsung
Matched 0

1.List all products
2.Filter products
3.Back to main menu
Option:2
Filter Products by Type,Name,Brand,Price,deneme,
Just enter the value(s) of the feature(s) for ex:(Samsung,F):D
Matched 2
1,D,Ayran,Sutas,20.5,None,
4,D,Su,Erikli,4.5,None,

1.List all products
2.Filter products
3.Back to main menu
Option:
```

products.txt ✕   **C** util.c   **C** util.h

products.txt

```
1   pID,Type,Name,Brand,Price,deneme
2   1,D,Ayran,Sutas,20.5,None
3   2,F,Simit,Firin,8.0,None
4   3,O,Tablet,Apple,32000,None
5   4,D,Su,Erikli,4.5,None
6   5,F,Ekmek,IHE,3.0,None
```

📁 210104004041 — test ‹ make — 80×24

```
----------------------------------------------
Running the tests....
===============================================================

            Welcome operator,please select a option to continue:
1- File Operations
2- Query products
3- Check stock status
4- Stock control by brand
5- Export report
Option:2
1.List all products
2.Filter products
3.Back to main menu
Option:2
Filter Products by Type,Name,Brand,Price,deneme,
Just enter the value(s) of the feature(s) for ex:(Samsung,F):D,Su
Matched 1
4,D,Su,Erikli,4.5,None,

1.List all products
2.Filter products
3.Back to main menu
Option:
```

products.txt

```
1  pID,Type,Name,Brand,Price,deneme
2  1,D,Ayran,Sutas,20.5,None
3  2,F,Simit,Firin,8.0,None
4  3,O,Tablet,Apple,32000,None
5  4,D,Su,Erikli,4.5,None
6  5,F,Ekmek,IHE,3.0,None
```
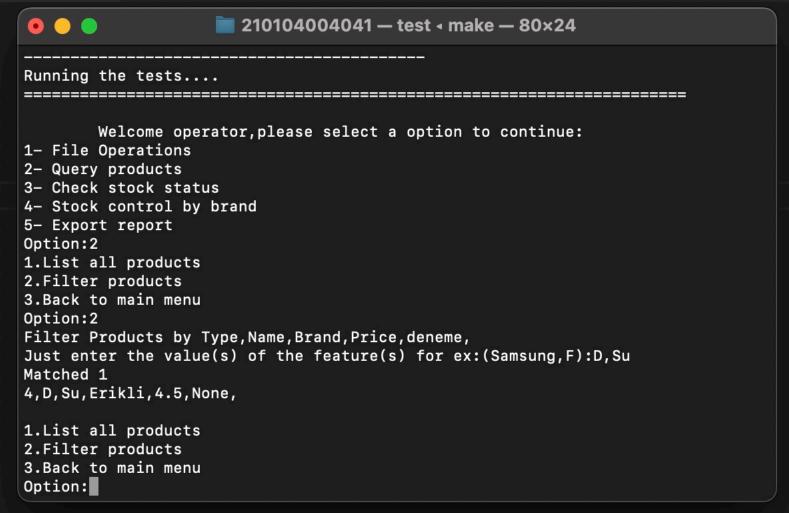
```
5- Export report
Option:2
1.List all products
2.Filter products
3.Back to main menu
Option:2
Filter Products by Type,Name,Brand,Price,deneme,
Just enter the value(s) of the feature(s) for ex:(Samsung,F):D,Su
Matched 1
4,D,Su,Erikli,4.5,None,

1.List all products
2.Filter products
3.Back to main menu
Option:2
Filter Products by Type,Name,Brand,Price,deneme,
Just enter the value(s) of the feature(s) for ex:(Samsung,F):Su,D
Matched 1
4,D,Su,Erikli,4.5,None,

1.List all products
2.Filter products
3.Back to main menu
Option:
```

products.txt

```
1   pID,Type,Name,Brand,Price,deneme
2   1,D,Ayran,Sutas,20.5,None
3   2,F,Simit,Firin,8.0,None
4   3,O,Tablet,Apple,32000,None
5   4,D,Su,Erikli,4.5,None
6   5,F,Ekmek,IHE,3.0,None
```
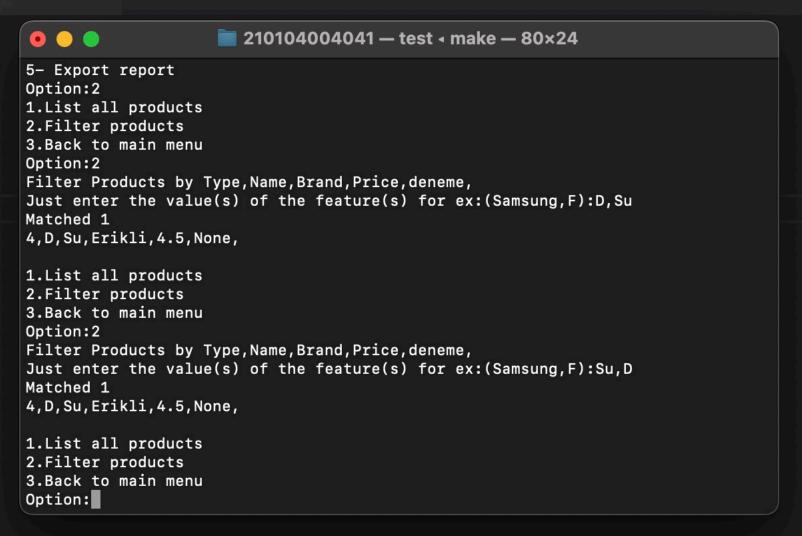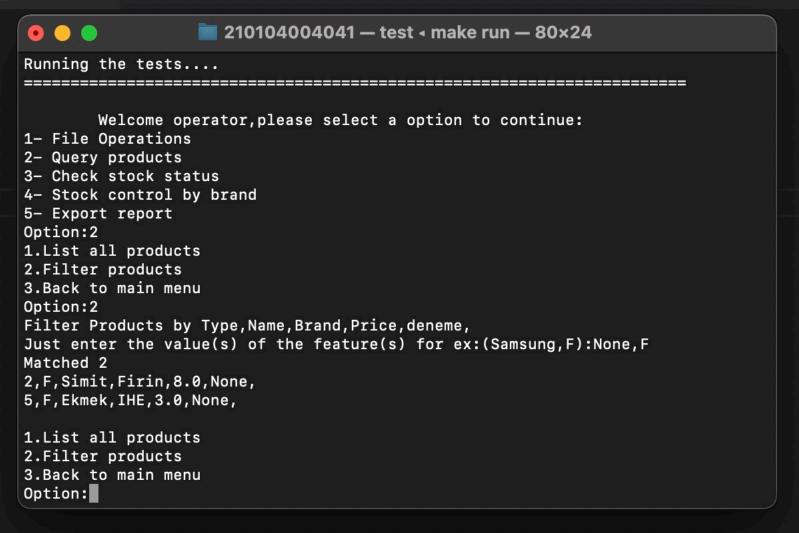
```
210104004041 — test ‹ make run — 80×24

Running the tests....
==============================================================

        Welcome operator,please select a option to continue:
1- File Operations
2- Query products
3- Check stock status
4- Stock control by brand
5- Export report
Option:2
1.List all products
2.Filter products
3.Back to main menu
Option:2
Filter Products by Type,Name,Brand,Price,deneme,
Just enter the value(s) of the feature(s) for ex:(Samsung,F):None,F
Matched 2
2,F,Simit,Firin,8.0,None,
5,F,Ekmek,IHE,3.0,None,

1.List all products
2.Filter products
3.Back to main menu
Option:
```

products.txt ✕   **C** util.c   **C** util.h

products.txt

```
1    pID,Type,Name,Brand,Price,deneme
2    1,D,Ayran,Sutas,20.5,None
3    2,F,Simit,Firin,8.0,None
4    3,O,Tablet,Apple,32000,None
5    4,D,Su,Erikli,4.5,None
6    5,F,Ekmek,IHE,3.0,None
```
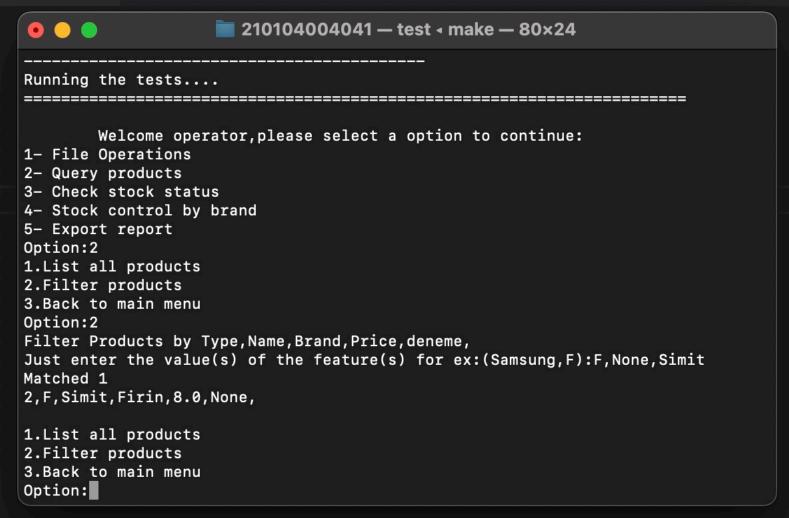
📁 **210104004041 — test ‹ make — 80×24**

```
-------------------------------------------------
Running the tests....
=================================================================


        Welcome operator,please select a option to continue:
1- File Operations
2- Query products
3- Check stock status
4- Stock control by brand
5- Export report
Option:2
1.List all products
2.Filter products
3.Back to main menu
Option:2
Filter Products by Type,Name,Brand,Price,deneme,
Just enter the value(s) of the feature(s) for ex:(Samsung,F):F,None,Simit
Matched 1
2,F,Simit,Firin,8.0,None,

1.List all products
2.Filter products
3.Back to main menu
Option:
```

products.txt ✕   **C** util.c   **C** util.h

products.txt

```
1    pID,Type,Name,Brand,Price,deneme
2    1,D,Ayran,Sutas,20.5,None
3    2,F,Simit,Firin,8.0,None
4    3,O,Tablet,Apple,32000,None
5    4,D,Su,Erikli,4.5,None
6    5,F,Ekmek,IHE,3.0,None
7    6,O,CepTel,Samsung,6000,None
8    7,D,Meyve Suyu,Pinar,5.0,None
9    8,F,Peynir,Erzincan,20.0,None
10   9,O,Laptop,Asus,12000,None
11   10,F,Salatalik,Koyden,1.0,None
12   11,O,Buzdolabi,Beko,5000,None
13   12,D,Cikolata,Bitter,3.5,None
14   13,F,Biber,Tat,2.0,None
15   14,O,TV,Samsung,15000,None
16   15,D,Cay,Rize,1.5,None
```

📁 **210104004041 — test ‹ make — 80×24**

```
Running the tests....
========================================================================


        Welcome operator,please select a option to continue:
1- File Operations
2- Query products
3- Check stock status
4- Stock control by brand
5- Export report
Option:2
1.List all products
2.Filter products
3.Back to main menu
Option:2
Filter Products by Type,Name,Brand,Price,deneme,
Just enter the value(s) of the feature(s) for ex:(Samsung,F):None,Samsung,O
Matched 2
6,O,CepTel,Samsung,6000,None,
14,O,TV,Samsung,15000,None,

1.List all products
2.Filter products
3.Back to main menu
Option:█
```