

File Edit Selection View Go Run Terminal Help

The image shows the Visual Studio Code editor with a project named 'hw6'. The Explorer sidebar on the left lists files: .vscode, tasks.json, export.txt, main.c, makefile, products.txt, stock.txt (selected), test, util.c, and util.h. The main editor window displays the content of 'stock.txt', which is a C program for stock management. The program includes a header file 'util.h' and defines a struct 'stock' with fields 'sID', 'pID', 'branch', and 'current\_stock'. It contains an array of 15 stock entries and a menu-driven interface for file operations, querying products, checking stock status, and controlling stock by brand.

```
1 sID,pID,branch,current_stock
2 1,7,Istanbul,100
3 2,5,Ankara,13
4 3,7,Bursa,31
5 4,12,Istanbul,120
6 5,9,Ankara,50
7 6,9,Bursa,0
8 7,15,Bursa,0
9 8,12,Istanbul,150
10 9,1,Ankara,200
11 10,5,Istanbul,18
12 11,2,Istanbul,150
13 12,2,Ankara,31
14 13,2,Ankara,19
15 14,2,Istanbul,18
```

Below the editor, the TERMINAL panel shows the output of the program:

```
> TERMINAL
4
Please enter the brand you want to see stock: Firin
Product ID -> 2 Price -> -> 8.00 Current Stock ->150
Product ID -> 2 Price -> -> 8.00 Current Stock ->31
Product ID -> 2 Price -> -> 8.00 Current Stock ->19
Product ID -> 2 Price -> -> 8.00 Current Stock ->18
1->File Operations

2->Query products

3->Check stock status

4->Stock control by brand
```

## export.txt - hw6 - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

hw6

- .vscode
- tasks.json
- export.txt
- main.c
- makefile
- products.txt
- stock.txt
- test
- util.c
- util.h

products.txt

test

util.c

main.c

export.txt

stock.txt

export.txt

```
1  pID,Minimum Stock , Maximum stock , Median stock
2  2,18,150,31
3
```

PROBLEMS OUTPUT TERMINAL

TERMINAL

2-&gt;Query products

3-&gt;Check stock status

4-&gt;Stock control by brand

5-&gt;Export report

5

```
2D array in part 5 is exported to export.txt as you want.
Thank you for using our program.
```

Completed tests....

yusuf@UbuntuSleekbook-14-PC:~/Desktop/hw6\$

Activities

Visual Studio Code

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stock.txt - hw6 - Visual Studio Code

FileEditSelectionViewGoRunTerminalHelp

EXPLORER

hw6

.vscode

tasks.json

export.txt

main.c

makefile

products.txt

stock.txt

test

util.c

util.h

products.txt

test

util.c

main.c

export.txt

stock.txt

stock.txt

1sID,pID,branch,current\_stock

21,7,Istanbul,100

32,5,Ankara,13

43,7,Bursa,31

54,12,Istanbul,120

65,9,Ankara,50

76,9,Bursa,0

87,15,Bursa,0

98,12,Istanbul,150

109,1,Ankara,200

1110,5,Istanbul,18

1211,2,Istanbul,150

1312,2,Ankara,31

1413,2,Ankara,19

1514,2,Istanbul,18

PROBLEMS

OUTPUT

TERMINAL

TERMINAL

make

4

Please enter the brand you want to see stock: Sutas

Product ID -> 1 Price -> -> 20.50 Current Stock ->200

1->File Operations

2->Query products

3->Check stock status

4->Stock control by brand

5->Export report

000

Ln 10, Col 4 Spaces: 4 UTF-8 LF Plain Text

## export.txt - hw6 - Visual Studio Code

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EXPLORER

hw6

- .vscode
- tasks.json
- export.txt
- main.c
- makefile
- products.txt
- stock.txt
- test
- util.c
- util.h

products.txt test util.c main.c export.txt x stock.txt

```
export.txt
1  pID,Minimum Stock , Maximum stock , Median stock
2  1,200,200,200
3
```

PROBLEMS OUTPUT TERMINAL

TERMINAL

```
2->Query products
3->Check stock status
4->Stock control by brand
5->Export report
5

2D array in part 5 is exported to export.txt as you want.
Thank you for using our program.
=====
Completed tests....
yusuf@UbuntuSleekbook-14-PC:~/Desktop/hw6$
```

File Edit Selection View Go Run Terminal Help

EXPLORER

HW6

- .vscode
  - tasks.json
- export.txt
- main.c
- makefile
- products.txt
- stock.txt
- test
- util.c
- util.h

products.txt

test

util.c

main.c

export.txt

stock.txt

```
1 sID,pID,branch,current_stock
2 1,7,Istanbul,100
3 2,5,Ankara,13
4 3,7,Bursa,31
5 4,12,Istanbul,120
6 5,9,Ankara,50
7 6,9,Bursa,0
8 7,15,Bursa,0
9 8,12,Istanbul,150
10 9,1,Ankara,200
11 10,5,Istanbul,18
12 11,2,Istanbul,150
13 12,2,Ankara,31
14 13,2,Ankara,19
15 14,2,Istanbul,18
```

PROBLEMS OUTPUT TERMINAL

TERMINAL

```
4->Stock control by brand
5->Export report

4
Please enter the brand you want to see stock: Sek
There is no available stock as 'Sek'
1->File Operations

2->Query products

3->Check stock status

4->Stock control by brand
```

## export.txt - hw6 - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

- hw6
  - .vscode
    - tasks.json
  - export.txt
  - main.c
  - makefile
  - products.txt
  - stock.txt
  - test
  - util.c
  - util.h

products.txt test util.c main.c export.txt stock.txt

export.txt

```
1 pID,Minimum Stock , Maximum stock , Median stock
2 WARNING ! :The brand you entered does not exist in stock.txt.That is why there is no information about min ,max and median value.
```

PROBLEMS OUTPUT TERMINAL

TERMINAL

```
2->Query products
3->Check stock status
4->Stock control by brand
5->Export report
5

2D array in part 5 is exported to export.txt as you want.
Thank you for using our program.
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Completed tests....
yusuf@UbuntuSleekbook-14-PC:~/Desktop/hw6$
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