

products.txt

```
1  pID,Type,Name,Brand,Price
2  1,D,Ayran,Sutas,20.50
3  2,F,Simit,Firin,8.00
4  3,E,Kola,Pepsi,4.50
5  4,K,Sut,Sek,18.99
6  5,B,Su,Sirma,2.99
7  6,E,Deneme,Dene,9.99
8  7,U,Silgi,Nok,7.55
9  8,D,ENE,ME,25.25
10 9,K,Kagit,Nok,20.00
11 10,U,Laptop,Mac,100.00
```

PROBLEMS OUTPUT TERMINAL

> v TERMINAL

```
1
Please enter an option :
```

```
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->Back to main menu.
```

bash

C/C++: ... ✓

cppdbg: main

cppdbg: main

products.txt

```
1  pID,Type,Name,Brand,Price,Color
2  1,D,Ayran,Sutas,20.50,none
3  2,F,Simit,Firin,8.00,none
4  3,E,Kola,Pepsi,4.50,none
5  4,K,Sut,Sek,18.99,none
6  5,B,Su,Sirma,2.99,none
7  6,E,Deneme,Dene,9.99,none
8  7,U,Silgi,Nok,7.55,none
9  8,D,ENE,ME,25.25,none
10 9,K,Kagit,Nok,20.00,none
11 10,U,Laptop,Mac,100.00,none
```

PROBLEMS OUTPUT TERMINAL

> v TERMINAL

```
4
12345678910Please enter the feature you wanna add:Color
Please enter an option :

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->Back to main menu.
```

bash

C/C++: ... ✓

cppdbg: main

cppdbg: main

products.txt x

C main.c

C/C++: gcc-9 build and c

products.txt

```
1  pID,Type,Name,Brand,Price,Color,Volume
2  1,D,Ayran,Sutas,20.50,none,none
3  2,F,Simit,Firin,8.00,none,none
4  3,E,Kola,Pepsi,4.50,none,none
5  4,K,Sut,Sek,18.99,none,none
6  5,B,Su,Sirma,2.99,none,none
7  6,E,Deneme,Dene,9.99,none,none
8  7,U,Silgi,Nok,7.55,none,none
9  8,D,ENE,ME,25.25,none,none
10 9,K,Kagit,Nok,20.00,none,none
11 10,U,Laptop,Mac,100.00,none,none
```

PROBLEMS OUTPUT TERMINAL

> v TERMINAL

```
4
12345678910Please enter the feature you wanna add:Volume
Please enter an option :

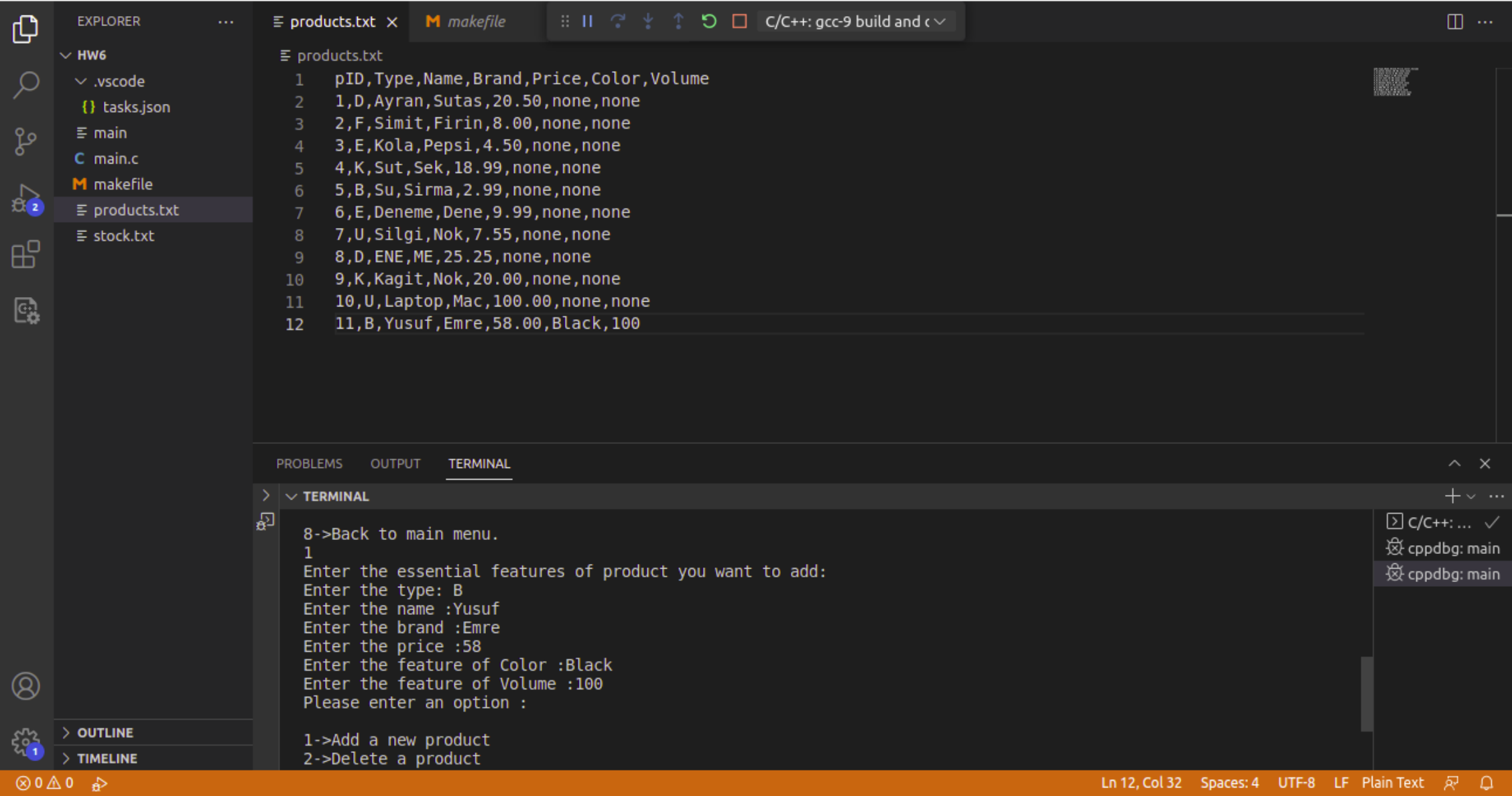
1->Add a new product
2->Delete a product
3->Update a product
4->Add feature to products
5->Add a new stock entry
6->Delete a stock entry
7->Update a stock entry
8->Back to main menu.
```

bash

C/C++: ... ✓

cppdbg: main

cppdbg: main



The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left displays a project named 'HW6' containing files: '.vscode', 'tasks.json', 'main', 'main.c', 'makefile', 'products.txt', and 'stock.txt'. The 'products.txt' file is open in the editor, showing a list of products with columns for pID, Type, Name, Brand, Price, Color, and Volume. The terminal at the bottom shows the execution of a program that prompts the user to enter product details. The user has entered 'B' for type, 'Burak' for name, 'Koca' for brand, '100' for price, 'Red' for color, and '55' for volume. The program then prompts for an option, with '1' for adding a new product and '2' for deleting a product.

EXPLORER

HW6

- .vscode
- tasks.json
- main
- main.c
- makefile
- products.txt
- stock.txt

products.txt

```
1 pID,Type,Name,Brand,Price,Color,Volume
2 1,D,Ayran,Sutas,20.50,none,none
3 2,F,Simit,Firin,8.00,none,none
4 3,E,Kola,Pepsi,4.50,none,none
5 4,K,Sut,Sek,18.99,none,none
6 5,B,Su,Sirma,2.99,none,none
7 6,E,Deneme,Dene,9.99,none,none
8 7,U,Silgi,Nok,7.55,none,none
9 8,D,ENE,ME,25.25,none,none
10 9,K,Kagit,Nok,20.00,none,none
11 10,U,Laptop,Mac,100.00,none,none
12 11,B,Yusuf,Emre,58.00,Black,100
13 12,B,Burak,Koca,100.00,Red,55
```

PROBLEMS OUTPUT TERMINAL

TERMINAL

```
8->Back to main menu.
1
Enter the essential features of product you want to add:
Enter the type: B
Enter the name :Burak
Enter the brand :Koca
Enter the price :100
Enter the feature of Color :Red
Enter the feature of Volume :55
Please enter an option :

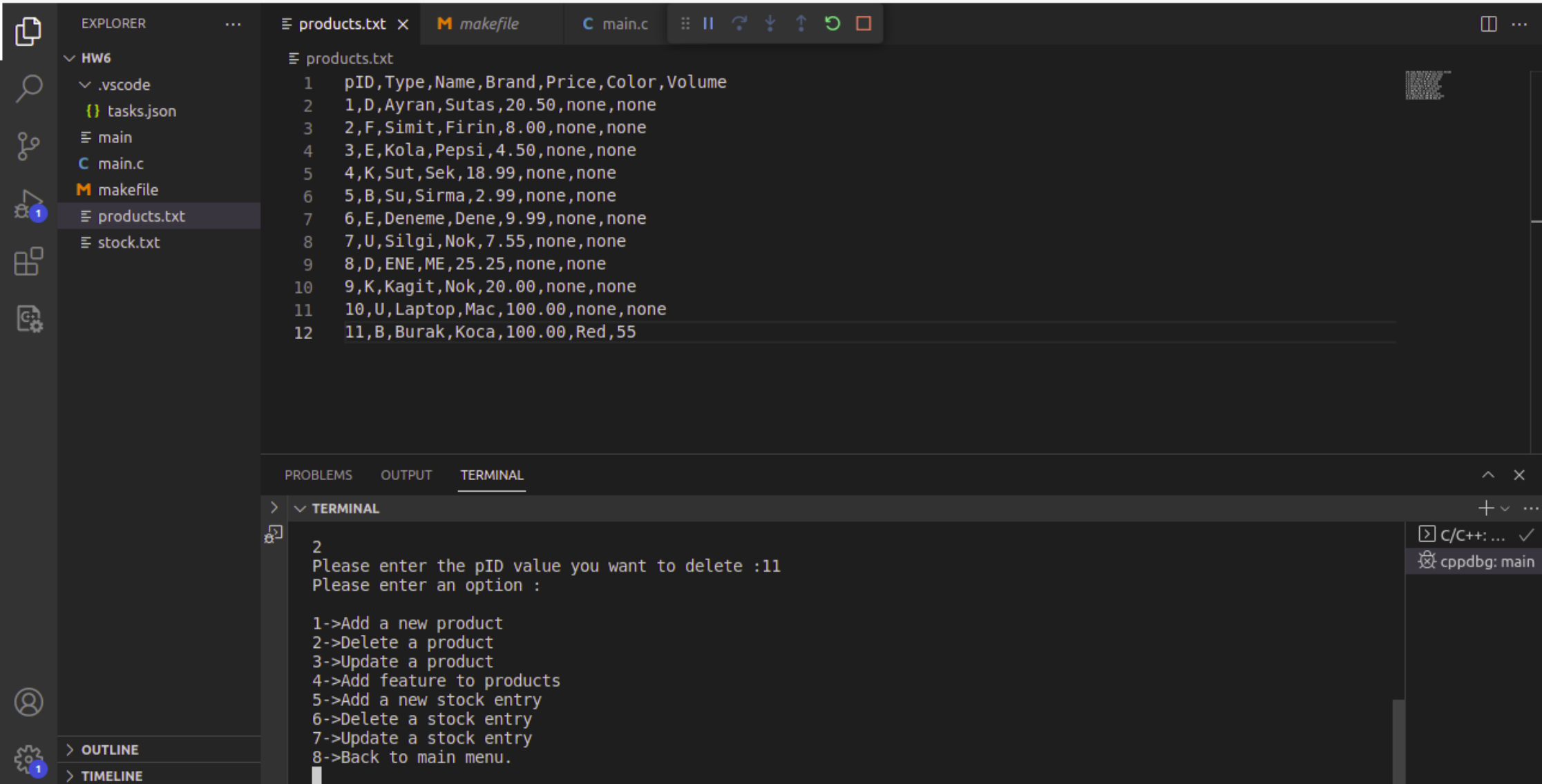
1->Add a new product
2->Delete a product
```

C/C++: gcc-9 build and c

C/C++: ... ✓

cppdbg: main

cppdbg: main



EXPLORER

- HW6
 - .vscode
 - tasks.json
 - main
 - main.c
 - makefile
 - products.txt
 - stock.txt

products.txt

```
1  pID,Type,Name,Brand,Price,Color,Volume
2  1,D,Ayran,Sutas,20.50,none,none
3  2,F,Simit,Firin,8.00,none,none
4  3,E,Kola,Pepsi,4.50,none,none
5  4,K,Sut,Sek,18.99,none,none
6  5,B,Su,Sirma,2.99,none,none
7  6,E,Deneme,Dene,9.99,none,none
8  7,U,Silgi,Nok,7.55,none,none
9  8,D,ENE,ME,25.25,none,none
10 9,K,Kagit,Nok,20.00,none,none
11 10,U,Laptop,Mac,100.00,none,none
12 11,B,Burak,Koca,100.00,Red,55
```

PROBLEMS OUTPUT **TERMINAL**

2

Please enter the pID value you want to delete :11

Please enter an option :

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->Back to main menu.

C/C++: ...
cpdbg: main

The image shows the Visual Studio Code (VS Code) interface. The Explorer sidebar on the left displays the project structure under 'HW6', including files like `tasks.json`, `main`, `main.c`, `makefile`, `products.txt`, and `stock.txt`. The `products.txt` file is currently open in the editor, showing a list of products with columns for pID, Type, Name, Brand, Price, Color, and Volume. The list contains 10 entries, with the last entry (pID 10) highlighted. The bottom panel shows the TERMINAL view, which contains the output of a C++ program. The program prompts the user to enter a pID value to delete (6) and then displays a menu of options: 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, and 8->Back to main menu. The status bar at the bottom indicates the current position is at line 11, column 30, with 4 spaces, in UTF-8 encoding, using LF line endings, and the file is in Plain Text mode.

EXPLORER

- HW6
 - .vscode
 - tasks.json
 - main
 - main.c
 - makefile
 - products.txt
 - stock.txt

products.txt

```
1 pID,Type,Name,Brand,Price,Color,Volume
2 1,D,Ayran,Sutas,20.50,none,none
3 2,F,Simit,Firin,8.00,none,none
4 3,E,Kola,Pepsi,4.50,none,none
5 4,K,Sut,Sek,18.99,none,none
6 5,B,Su,Sirma,2.99,none,none
7 6,U,Silgi,Nok,7.55,none,none
8 7,D,ENE,ME,25.25,none,none
9 8,K,Kagit,Nok,20.00,none,none
10 9,U,Laptop,Mac,100.00,none,none
11 10,B,Burak,Koca,100.00,Red,55
```

PROBLEMS OUTPUT TERMINAL

TERMINAL

```
2
Please enter the pID value you want to delete :6
Please enter an option :

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->Back to main menu.
```

Ln 11, Col 30 Spaces: 4 UTF-8 LF Plain Text

The screenshot shows the Visual Studio Code editor with a project named 'HW6'. The Explorer sidebar on the left lists the files: `.vscode`, `tasks.json`, `main`, `main.c`, `makefile`, `products.txt` (selected), `stock.txt`, and `test`. The main editor displays the contents of `products.txt`:

```
products.txt
1  pID,Type,Name,Brand,Price,Color,Volume
2  1,D,Ayran,Sutas,20.50,none,none
3  2,F,Simit,Firin,8.00,none,none
4  3,E,Kola,Pepsi,4.50,none,none
5  4,K,Sut,Sek,18.99,none,none
6  5,B,Su,Sirma,2.99,none,none
7  6,U,Silgi,Nok,7.55,none,none
8  7,D,ENE,ME,25.25,none,none
9  8,K,Kagit,Nok,20.00,none,none
10 9,U,Laptop,Mac,100.00,none,none
11 10,U,Burak,Koca,100.00,Red,55
```

The bottom panel contains the TERMINAL view, which shows the output of a C++ program. The program prompts the user to update a product's features. The output is as follows:

```
3
The updatable features are (be careful with lowercases - lettercases) : pID,Type,Name,Brand,Price,Color,Volume
Please enter the pID value you want to update :10
Please enter the feature you want to update :Type
Please enter the new Type :U
Please enter an option :

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
```

On the right side of the terminal, the debug console shows the active configuration: `C/C++: ...` and `cppdbg: main`.

The screenshot shows the Visual Studio Code editor with a project named 'HW6'. The Explorer sidebar on the left lists files: `tasks.json`, `main`, `main.c`, `makefile`, `products.txt` (selected), `stock.txt`, and `test`. The main editor displays the contents of `products.txt`, which is a CSV file with 11 lines of product data.

pID	Type	Name	Brand	Price	Color	Volume
1	D	Ayran	Sutas	20.50	none	none
2	F	Simit	Firin	8.00	none	none
3	E	Kola	Pepsi	4.50	none	none
4	K	Sut	Sek	18.99	none	none
5	B	Su	Sirma	2.99	none	none
6	U	Silgi	Nok	7.55	none	none
7	D	ENE	ME	25.25	none	none
8	K	Kagit	Nok	20.00	none	none
9	U	Laptop	Mac	100.00	Blue	none
10	U	Burak	Koca	100.00	Red	55

The bottom panel shows the TERMINAL output, which displays the program's menu and the user's input to update the color of product 9.

```
3
The updatable features are (be careful with lowercases - lettercases) : pID,Type,Name,Brand,Price,Color,Volume
Please enter the pID value you want to update :9
Please enter the feature you want to update :Color
please enter the Color featureBlue
Please enter an option :

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
```

The screenshot shows the Visual Studio Code interface with the following components:

- EXPLORER:** A file tree on the left showing a project named 'HW6' containing files like `tasks.json`, `main`, `main.c`, `makefile`, `products.txt`, `stock.txt`, and `test`. The `products.txt` file is selected.
- PRODUCTS.TXT:** A text file containing a list of products with columns: pID, Type, Name, Brand, Price, Color, Volume. The data is as follows:

pID	Type	Name	Brand	Price	Color	Volume
1	D	Ayran	Sutas	20.50	none	none
2	F	Simit	Firin	8.00	none	none
3	E	Kola	Pepsi	4.50	none	none
4	K	Sut	Sek	18.99	none	none
5	B	Su	Sirma	2.99	none	20
6	U	Silgi	Nok	7.55	none	none
7	D	ENE	ME	25.25	none	none
8	K	Kagit	Nok	20.00	none	none
9	U	Laptop	Mac	100.00	Blue	none
10	U	Burak	Koca	100.00	Red	55
- TERMINAL:** A terminal window at the bottom showing the execution of a C++ program. The program prompts the user to update a product. The user has entered '3' to select the 'Update a product' option. The program then prompts for the pID, feature, and volume to update. The user has entered '5' for pID, 'Volume' for the feature, and '20' for the volume. The program then displays a menu of options: 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.

EXPLORER

...

products.txt

main.c

stock.txt

||

↶

⬇

⬆

↷

□

HW6

.vscode

tasks.json

main

main.c

makefile

products.txt

stock.txt

test

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,Yozgat,5

PROBLEMS

OUTPUT

TERMINAL

> TERMINAL

Please enter the feature you want to update :Volume

please enter the Volume feature :20

Please enter an option :

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->Back to main menu.

C/C++: ... ✓

cppdbg: main

> OUTLINE

> TIMELINE

Ln 1, Col 1

Spaces: 4

UTF-8

LF

Plain Text

🔍

🔔

The screenshot shows the Visual Studio Code interface with the following components:

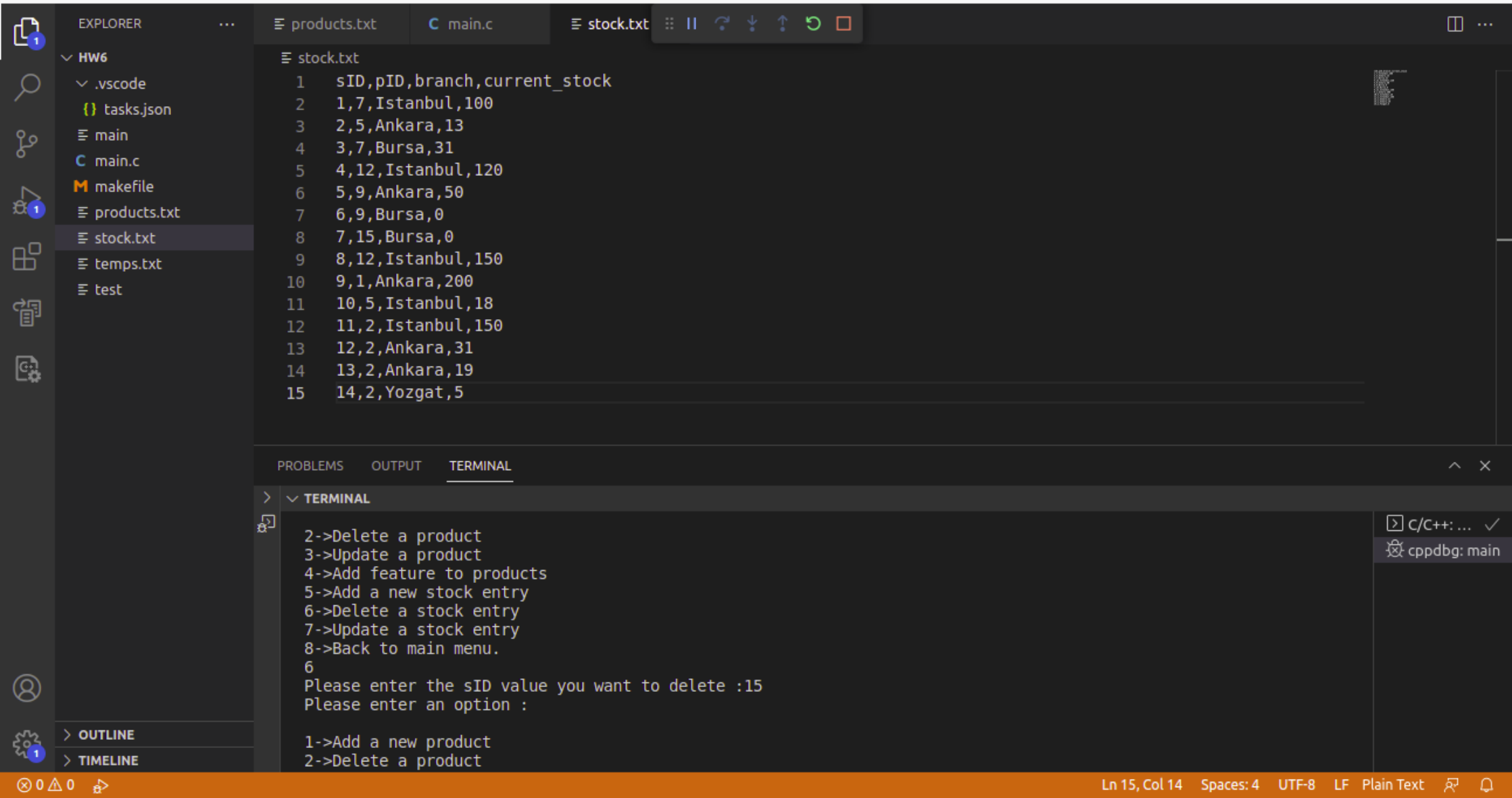
- EXPLORER:** A file tree on the left showing a project named 'HW6' containing files like `tasks.json`, `main`, `main.c`, `makefile`, `products.txt`, `stock.txt`, `temps.txt`, and `test`. The `stock.txt` file is currently selected.
- EDITOR:** The main workspace displays the content of `stock.txt`, which is a C program. The program defines a struct `stock` with fields `sID`, `pID`, `branch`, and `current_stock`. It contains an array of 16 `stock` objects and a menu-driven loop for adding, deleting, updating, or displaying products and stock entries.
- TERMINAL:** A terminal window at the bottom shows the execution of the program. It prompts the user to enter a `pID` (3), a `branch` name ('Agri'), and a `current stock` (158). It then displays a menu with 6 options for product and stock management.

```
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,Yozgat,5
16 15,3,Agri,158
```

TERMINAL

```
5
Please enter pId which you want to add stock:
3
Please enter the branch name:Agri
Please enter the current stock:158
Please enter an option :

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
```



Activities

Visual Studio Code

App 30 16:34

en

stock.txt - hw6 - Visual Studio Code

FileEditSelectionViewGoRunTerminalHelp

EXPLORER

HW6

.vscode

tasks.json

main

main.c

makefile

products.txt

stock.txt

temps.txt

test

products.txt

main.c

stock.txt

stock.txt

1SID,pID,branch,current_stock

21,7,Istanbul,100

32,5,Ankara,13

43,7,Bursa,31

54,9,Ankara,50

65,9,Bursa,0

76,15,Bursa,0

87,12,Istanbul,150

98,1,Ankara,200

109,5,Istanbul,18

1110,2,Istanbul,150

1211,2,Ankara,31

1312,2,Ankara,19

1413,2,Yozgat,5

PROBLEMS

OUTPUT

TERMINAL

TERMINAL

6

Please enter the sID value you want to delete :4

Please enter an option :

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->Back to main menu.

OUTLINE

TIMELINE

Ln 14, Col 14

Spaces: 4

UTF-8

LF

Plain Text

The screenshot shows the Visual Studio Code editor with the following components:

- EXPLORER:** A file tree on the left showing a project named 'HW6' containing files like `tasks.json`, `main`, `main.c`, `makefile`, `products.txt`, `stock.txt` (selected), `temps.txt`, and `test`.
- Editor:** The main workspace displays the content of `stock.txt`, which contains a table of stock entries. The cursor is at the end of the last line.
- TERMINAL:** A terminal window at the bottom shows the execution of a program. It displays a menu with options to add, delete, or update stock entries, and the user has chosen to update an entry with SID 13, feature 'branch', and new branch 'Kars'.

stock.txt content:

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

Terminal output:

```
4->Add feature to products
5->Add a new stock entry
6->Delete a stock entry
7->Update a stock entry
8->Back to main menu.
7
Please enter the sID value you want to update :13
Please enter the feature name : branch
Please enter the new branch name : Kars
Please enter an option :
```