viope

Metropolia UAS
SMART DEVICES TX00DK02-3003   BACK TO DASHBOARD

logged in as
patricsu   0

Dashboard
Profile
Logout

Русский
Português
English
Suomi

Chapters

1	2	3	4
5	6	7	8
9	10	11	12
13			

Chapter 11

- 📗 Theory (4)
- 📋 Programming exercises (3,3)
- ☑ Quizzes (3/3)
- 📝 Open exercises

Course

- ☰ Table of contents
- ➕ Extra materials
- 📣 Bulletin board
- 👤 My corner

Communication

- 👥 Forum
- 💬 Conference

Tutoring

- 🎧 Ask a tutor

Phone directory - printing data

Feedback | Ask a tutor
Please use this option only if you find any issues or mistakes in the content. If
you have any queries or questions regarding the subject matter, then please use
"Ask a tutor"

You have completed this exercise

Send

Page: 2/3

- (1) Phone directory - adding data done
- (2) Phone directory - printing data done
- (3) Phone directory - removing a person's data done

Hide ▲

Write a program that prints all the numbers in the phone directory to the screen. The file for reading the numbers is the same as in the previous exercise (phonedir.txt). Upon execution, the program opens the file, reads the data and prints it.

Example output:

```
Brita Smith 05-4567393
Thomas Jefferson 05-6243370
```

The verification of program output does not account for whitespace characters like "\n", "\t" and " "

- program.c

```c
1  #include <stdio.h>
2  int main()
3  {
4      int i;
5      int j =0;
6      FILE *read_file;
7      char phonedir[] = "phonedir.txt";
8
9      struct person
10     {
11         char firstname[15];
12         char lastname[25];
13         char number[25];
14     };
15
16     struct person person_list;
17     read_file = fopen(phonedir, "r");
18
19     if ((read_file = fopen(phonedir, "r")) == NULL)
20     {
21         printf("Error opening file.");
22         return 0;
23     }
24     else
25     {
26         fscanf(read_file, "%d\n", &j);
27
28         for (i = 0; i < j; i++)
29         {
30             fscanf(read_file, "%s %s %s\n", person_list.firstname,
                   person_list.lastname, person_list.number);
```

Position: Ln 1 Ch 1   Full screen (Esc to exit)

Reset   Save   Run

Open Theory Shortcut