

Examples of the execution of the program:

```
[execution of the program begins]
Enter your daily working hours. Separate the hours and minutes by a comma (h,min):
7,15
What are the maximum hours to be in credit?
10
What are the maximum hours to be in deficit?
5
Enter the name of the file containing the working hours:
working_hours.csv

Day          | Working time    | Gained credit hours
-----
2021-07-05 | 7 h 15 min     | 0 min
2021-07-06 | 9 h 0 min      | +105 min
2021-07-07 | 5 h 50 min     | -85 min
2021-07-08 | 7 h 30 min     | +15 min
2021-07-09 | 10 h 25 min    | +190 min

You have earned 3 h and 45 minutes of credit hours.
[execution of the program ends]
```

```
[execution of the program begins]
Enter your daily working hours. Separate the hours and minutes by a comma (h,min):
6,0
What are the maximum hours to be in credit?
10
What are the maximum hours to be in deficit?
5
Enter the name of the file containing the working hours:
working_hours.csv
```

Day	Working time	Gained credit hours
-----		
2021-07-05	7 h 15 min	+75 min
2021-07-06	9 h 0 min	+180 min
2021-07-07	5 h 50 min	-10 min
2021-07-08	7 h 30 min	+90 min
2021-07-09	10 h 25 min	+265 min

```
You have earned 10 h and 0 minutes of credit hours.
[execution of the program ends]
```

```
[execution of the program begins]
Enter your daily working hours. Separate the hours and minutes by a comma (h,min):
8,0
What are the maximum hours to be in credit?
10
What are the maximum hours to be in deficit?
5
Enter the name of the file containing the working hours:
working_hours.csv
```

Day	Working time	Gained credit hours
-----		
2021-07-05	7 h 15 min	-45 min
2021-07-06	9 h 0 min	+60 min
2021-07-07	5 h 50 min	-130 min
2021-07-08	7 h 30 min	-30 min
2021-07-09	10 h 25 min	+145 min

```
You have not gained any credits/deficit.
[execution of the program ends]
```

```
[execution of the program begins]
Enter your daily working hours. Separate the hours and minutes by a comma (h,min):
7,15
What are the maximum hours to be in credit?
10
What are the maximum hours to be in deficit?
8
Enter the name of the file containing the working hours:
working_hours2.csv
```

Day	Working time	Gained credit hours
-----		
2021-07-05	4 h 55 min	-140 min
2021-07-06	7 h 35 min	+20 min
2021-07-07	3 h 15 min	-240 min
2021-07-08	5 h 45 min	-90 min
2021-07-09	2 h 25 min	-290 min

```
You have 12 h and 20 min of deficit hours.
You have exceeded the maximum deficit level of 8 hours.
[execution of the program ends]
```

[execution of the program begins]

Enter your daily working hours. Separate the hours and minutes by a comma (h,min):

7,15

What are the maximum hours to be in credit?

25

What are the maximum hours to be in deficit?

8

Enter the name of the file containing the working hours:

working\_hours3.csv

Day	Working time	Gained credit hours
2021-07-01	7 h 45 min	+30 min
2021-07-02	7 h 55 min	+40 min
2021-07-05	6 h 55 min	-20 min
2021-07-06	7 h 35 min	+20 min
2021-07-07	7 h 15 min	0 min
2021-07-08	7 h 45 min	+30 min
2021-07-09	8 h 25 min	+70 min
2021-07-12	6 h 40 min	-35 min
2021-07-13	7 h 25 min	+10 min
2021-07-14	6 h 55 min	-20 min
2021-07-15	9 h 35 min	+140 min
2021-07-16	8 h 5 min	+50 min
2021-07-19	11 h 30 min	+255 min
2021-07-20	9 h 10 min	+115 min
2021-07-21	9 h 40 min	+145 min
2021-07-22	10 h 20 min	+185 min
2021-07-23	8 h 50 min	+95 min
2021-07-26	9 h 45 min	+150 min
2021-07-27	8 h 45 min	+90 min
2021-07-28	11 h 15 min	+240 min
2021-07-29	9 h 15 min	+120 min
2021-07-30	8 h 25 min	+70 min

You have earned 29 h and 40 minutes of credit hours.

You have exceeded the maximum credit level of 25 hours.

[execution of the program ends]

[execution of the program begins]

Enter your daily working hours. Separate the hours and minutes by a comma (h,min):

7,15

What are the maximum hours to be in credit?

25

What are the maximum hours to be in deficit?

8

Enter the name of the file containing the working hours:

working\_hours\_invalid.csv

Day	Working time	Gained credit hours
-----		
2021-07-01	7 h 45 min	+30 min
Invalid time in line: 2021-07-02,09:15,17:40,-		
Invalid line: 2021-04-09		
Invalid time in line: 2021-07-05,klo9:00,17:20,50		
Invalid time in line: 2021-07-06,940,17:55,40		
Invalid time in line: 2021-07-07,09:40,18:15,		
2021-07-08	7 h 45 min	+30 min
2021-07-09	8 h 25 min	+70 min
Invalid line: hello		
2021-07-12	6 h 40 min	-35 min
2021-07-13	7 h 25 min	+10 min
2021-07-14	7 h 40 min	+25 min
2021-07-15	7 h 40 min	+25 min

You have earned 2 h and 35 minutes of credit hours.

[execution of the program ends]

[execution of the program begins]

Enter your daily working hours. Separate the hours and minutes by a comma (h,min):

8

Invalid input! Enter the hours and minutes separated by a comma:

8h,0min

Invalid input! Enter integers separated by a comma:

8h

Invalid input! Enter the hours and minutes separated by a comma:

8,0

What are the maximum hours to be in credit?

10

What are the maximum hours to be in deficit?

5

Enter the name of the file containing the working hours:

this\_file\_does\_not\_exist.csv

Error in reading the file 'this\_file\_does\_not\_exist.csv'. The program ends.

[execution of the program ends]