

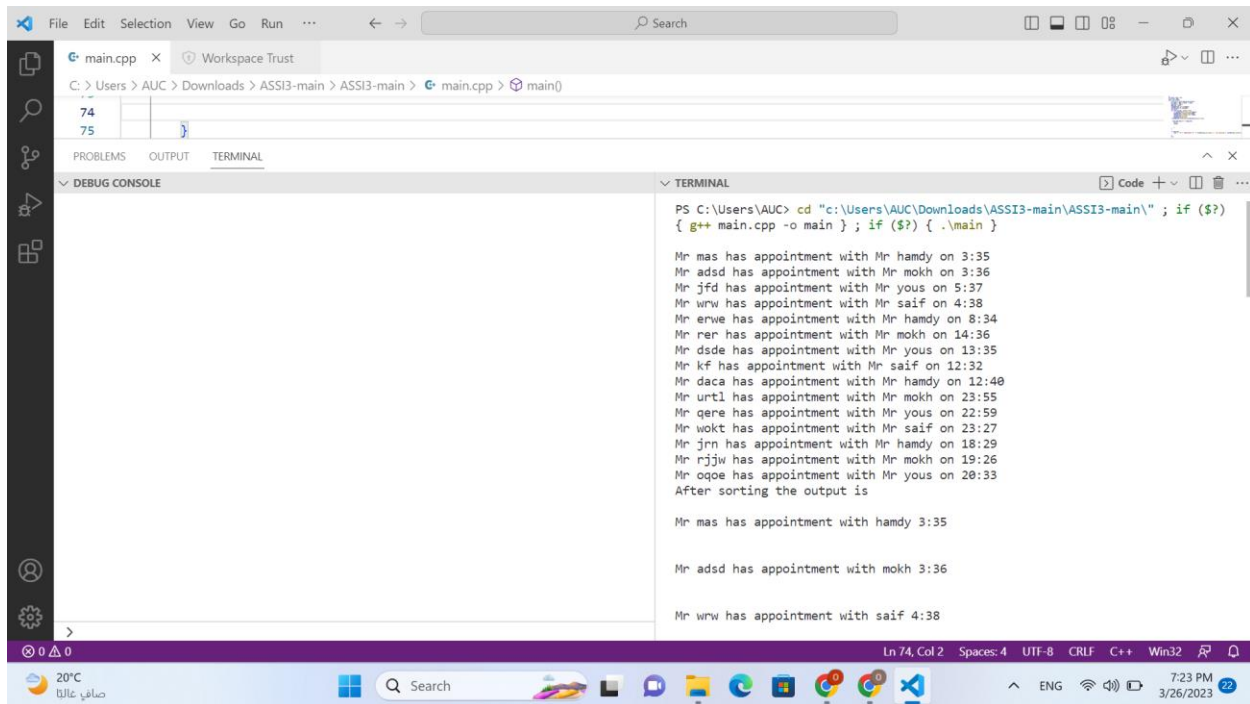
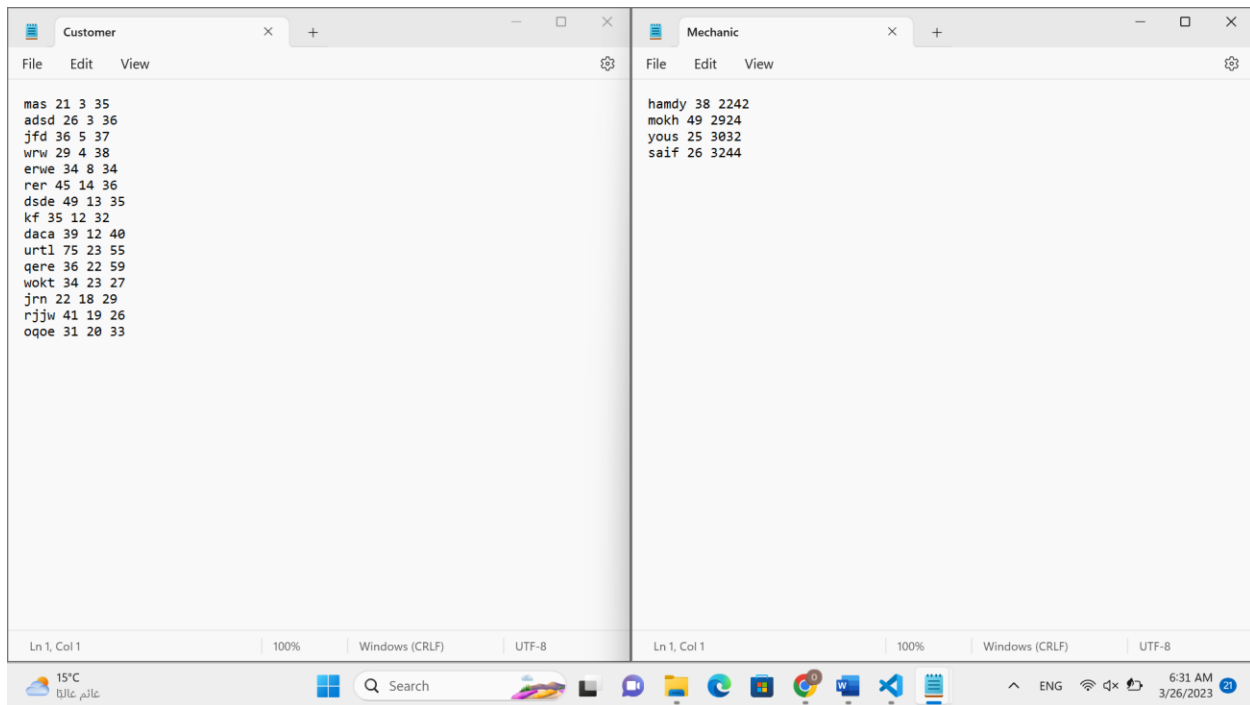
The screenshot shows a C++ IDE with a terminal window displaying the output of a program. The output lists appointments for various customers and mechanics. Below the terminal, there are two windows: 'Customer' and 'Mechanic'. The 'Customer' window shows a list of customers with their names, IDs, and appointment times. The 'Mechanic' window shows a list of mechanics with their names, IDs, and appointment times.

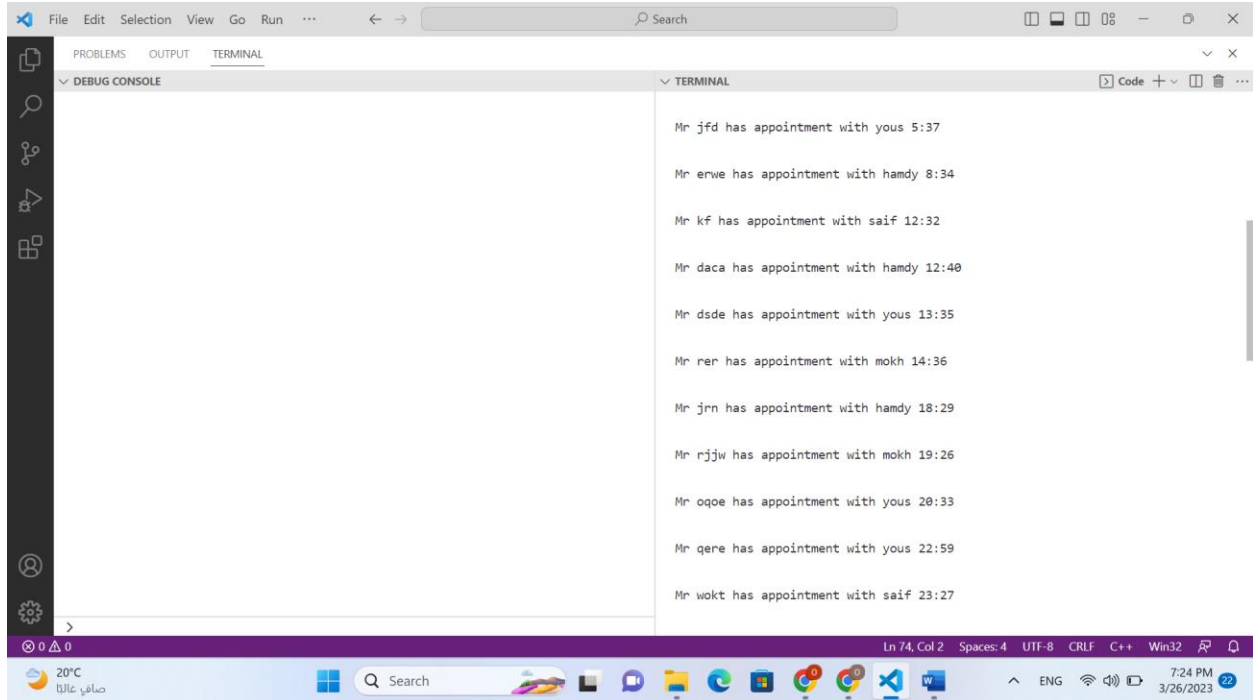
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Mr ifsa has appointment with amed 2:30
Mr zara has appointment with magdy 2:30
Mr carl has appointment with amy 3:30
Mr apple has appointment with amed 4:30
Mr book has appointment with omar 5:30
Mr dod has appointment with magdy 6:30
Mr equa has appointment with amy 7:30
Mr fps has appointment with amed 8:30
Mr kda has appointment with omar 18:20
Mr lda has appointment with magdy 19:21
Mr mda has appointment with amy 20:31
```

Name	Date modified	Type
Customer	3/26/2023 6:25 AM	Microsoft Word Doc...
File	3/26/2023 6:23 AM	Application
omar 23 1 30	3/26/2023 6:23 AM	C++ Source File
zara 20 2 30	3/26/2023 6:15 AM	C++ Source File
carl 33 3 30	3/26/2023 6:12 AM	C++ Source File
apple 22 4 30	3/26/2023 6:11 AM	C++ Source File
book 24 5 30	3/26/2023 6:11 AM	C++ Source File
dod 55 6 30	3/26/2023 6:10 AM	C++ Source File
equa 39 7 30	3/26/2023 6:09 AM	C++ Source File
fps 39 8 30	3/26/2023 6:08 AM	C++ Source File
gdsd 34 2 30	3/26/2023 6:08 AM	C++ Source File
hfsf 77 2 30	3/26/2023 6:05 AM	C++ Source File
ifsa 36 2 30	3/26/2023 6:00 AM	C++ Source File
jdsa 32 2 30	3/26/2023 5:48 AM	C++ Source File
kda 23 18 20		C++ Source File
lda 44 18 21		C++ Source File
mda 36 19 31		C++ Source File

Name	Date modified	Type
Mechanic		
File		
omar 32 22424		
magdy 44 29242		
amy 55 30320		
amed 82 324432		

There exist no time that is chosen by customers more than the number of mechanics(4) except 2:30 which means no appointment will be canceled except the fifth occurrence of 2:30. Furthermore, the code outputs people with no appointments first. Because only 2:30 is selected more than once all other dates will be assigned to the first mechanic Hamdy.





The screenshot shows a Visual Studio Code interface with a terminal window open. The terminal displays a list of appointments in a text-based format. The appointments are as follows:

Customer	Mechanic	Time
Mr jfd	yous	5:37
Mr erwe	hamdy	8:34
Mr kf	saif	12:32
Mr dca	hamdy	12:40
Mr dsde	yous	13:35
Mr rer	mokh	14:36
Mr jrn	hamdy	18:29
Mr rjjw	mokh	19:26
Mr oqoe	yous	20:33
Mr qere	yous	22:59
Mr wot	saif	23:27

The terminal window is titled "TERMINAL" and shows the output of a program. The status bar at the bottom indicates the current line and column (Ln 74, Col 2) and the file encoding (UTF-8).

Because there exists no time that is chosen more than 4 times, no appointment will be cancelled. Accordingly, not appointments will be canceled and customers will be assigned in a cycle mechanic1, mechanic2, mechanic3, mechanic4.