

```

PS C:\Users\AUC\Downloads\Assignment 3> cd "c:\Users\AUC\Downloads\Ass
3\" ; if ($?) { g++ main.cpp -o main } ; if ($?) { .\main }

Mr omar has appointment with Mr omar on 1:30
Mr zara has appointment with Mr omar on 2:30
Mr carl has appointment with Mr omar on 3:30
Mr apple has appointment with Mr omar on 4:30
Mr book has appointment with Mr omar on 5:30
Mr dod has appointment with Mr omar on 6:30
Mr equa has appointment with Mr omar on 7:30
Mr fps has appointment with Mr omar on 8:30
Mr gdsd has appointment with Mr magdy on 2:30
Mr hfsf has appointment with Mr amy on 2:30
Mr ifsa has appointment with Mr amed on 2:30
Appointment for jdsa was cancelled.
Mr kda has appointment with Mr omar on 18:20
Mr lda has appointment with Mr omar on 18:21
Mr mdas has appointment with Mr omar on 19:31
After sorting the output is

```

▼ TERMINAL

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After sorting the output is

Mr jdsa has appointment with no one

Mr omar has appointment with omar 1:30

Mr gdsd has appointment with magdy 2:30

Mr hfsf has appointment with amy 2:30

Mr ifsa has appointment with amed 2:30

Mr zara has appointment with omar 2:30

Mr carl has appointment with omar 3:30

Mr apple has appointment with omar 4:30

Mr mdas has appointment with omar 19:31

```

Name	Date modified	Type
output	3/26/2023 6:25 AM	Microsoft Word Doc...
Customer	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 6:10 AM	C++ Source File
fps 39 8 30	3/26/2023 6:09 AM	C++ Source File
gdsd 34 2 30	3/26/2023 6:09 AM	C Header Source File
hfsf 77 2 30	3/26/2023 6:08 AM	C Header Source File
ifsa 36 2 30	3/26/2023 6:08 AM	C Header Source File
jdsa 32 2 30	3/26/2023 6:05 AM	C Header Source File
kda 23 18 20	3/26/2023 6:05 AM	C Header Source File
lda 44 18 21	3/26/2023 6:00 AM	C Header Source File
mdas 36 19 31	3/26/2023 5:48 AM	Text Document

Mechanic

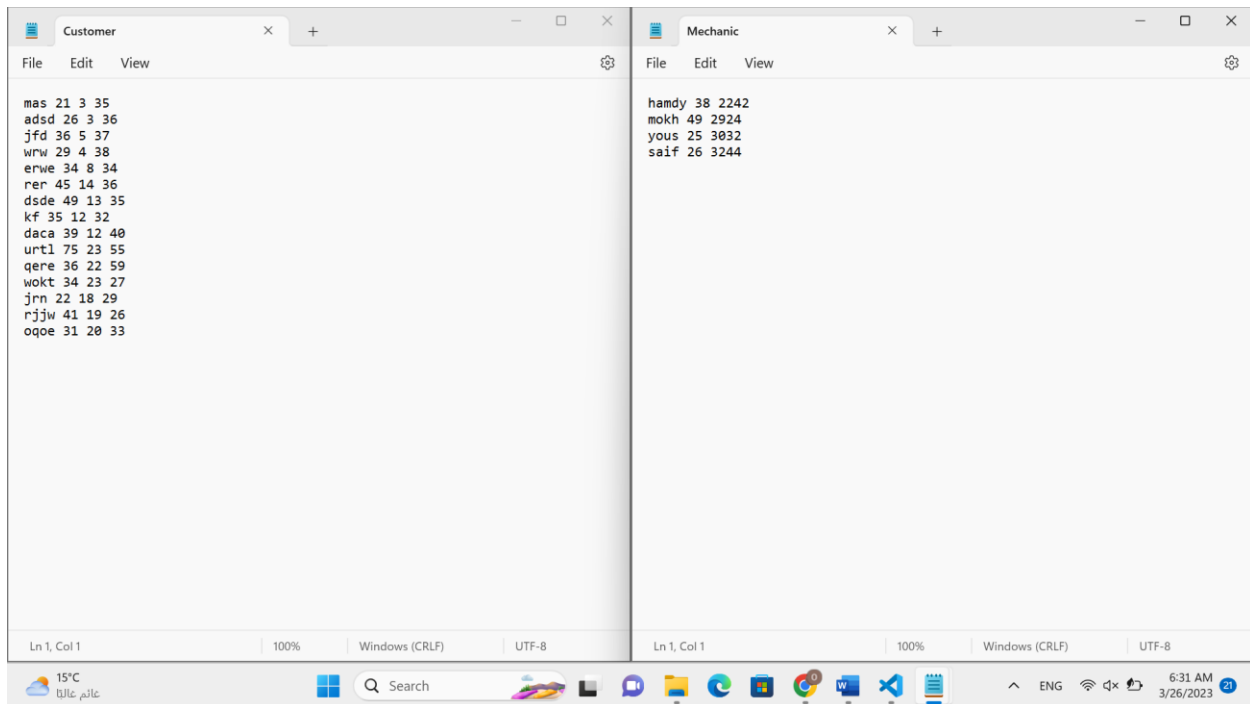
File Edit View

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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.



TERMINAL

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Mr mas has appointment with Mr hamdy on 3:35
Mr adsd has appointment with Mr hamdy on 3:36
Mr jfd has appointment with Mr hamdy on 5:37
Mr wrw has appointment with Mr hamdy on 4:38
Mr erwe has appointment with Mr hamdy on 8:34
Mr rer has appointment with Mr hamdy on 14:36
Mr dsde has appointment with Mr hamdy on 13:35
Mr kf has appointment with Mr hamdy on 12:32
Mr daca has appointment with Mr hamdy on 12:40
Mr urtl has appointment with Mr hamdy on 23:55
Mr qere has appointment with Mr hamdy on 22:59
Mr wokt has appointment with Mr hamdy on 23:27
Mr jrn has appointment with Mr hamdy on 18:29
Mr rjjw has appointment with Mr hamdy on 19:26
Mr oqoe has appointment with Mr hamdy on 20:33
After sorting the output is

Mr mas has appointment with hamdy 3:35

Mr adsd has appointment with hamdy 3:36

Mr wrw has appointment with hamdy 4:38

Mr jfd has appointment with hamdy 5:37

Mr rer has appointment with hamdy 14:36

Mr jrn has appointment with hamdy 18:29
```

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▼ TERMINAL [2] CODE 7
Mr rer has appointment with hamdy 14:36

Mr jrn has appointment with hamdy 18:29

Mr rjjw has appointment with hamdy 19:26

Mr oqoe has appointment with hamdy 20:33

Mr qere has appointment with hamdy 22:59

Mr wokr has appointment with hamdy 23:27

Mr urtl has appointment with hamdy 23:55

PS C:\Users\AUC\Downloads\Assignment 3>
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Because there exists no time that is chosen more than 4 times, no appointment will be cancelled. Because no value is chosen twice and because the number of appointments is less than 24, all appointments will be assigned to the first mechanic, hamdy.