

EXPLORER

▼ PARKASSIST

- config.txt
- Parking Assistance.py

Parking Assistance.py

```
1 # Student ID 202201723      Name : Mahmoud Atta Mohammed Ali
2 import os
3 import time
4
5 spaces = []
6 avail_spaces = 0
7 total_spaces = 0
8 rows = 0
9
```

TERMINAL

```
PS C:\ISSR\Master2022_2023\Sim2_New_20230412\Sim2\Information System\Lab Work
k\ParkAssist> python -u "c:\ISSR\Master2022_2023\Sim2_New_20230412\Sim2\Info
rmation System\Lab Work\ParkAssist\Parking Assistance.py"
SPOTS AVAILABLE: 19
|-----|
| | | | | [c] | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
|-----|

Vehicle Added to Lot!
Time Entered: 03:28 PM
SPOTS AVAILABLE: 18
| | | | | [c] | | |
| | | | | [m] | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
|-----|
```

Activate Windows
Go to Settings to activate Windows.

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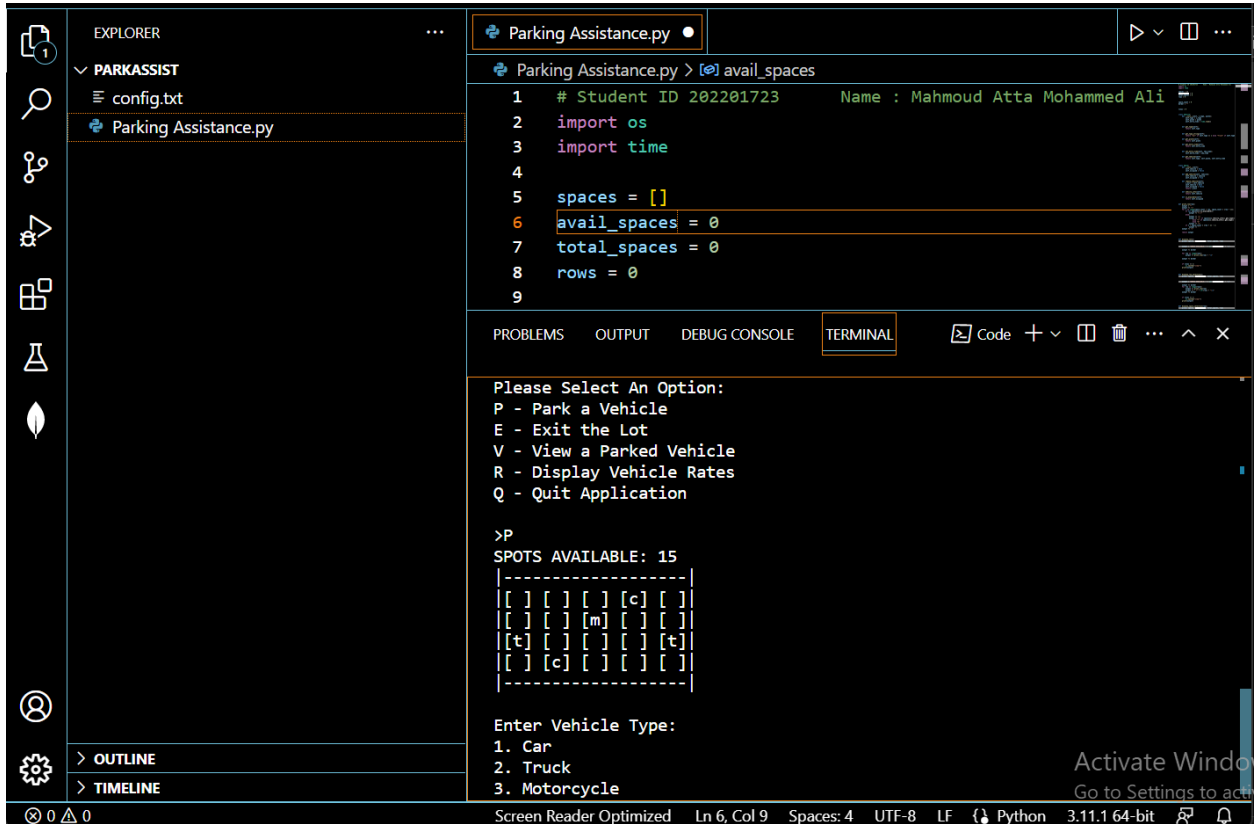
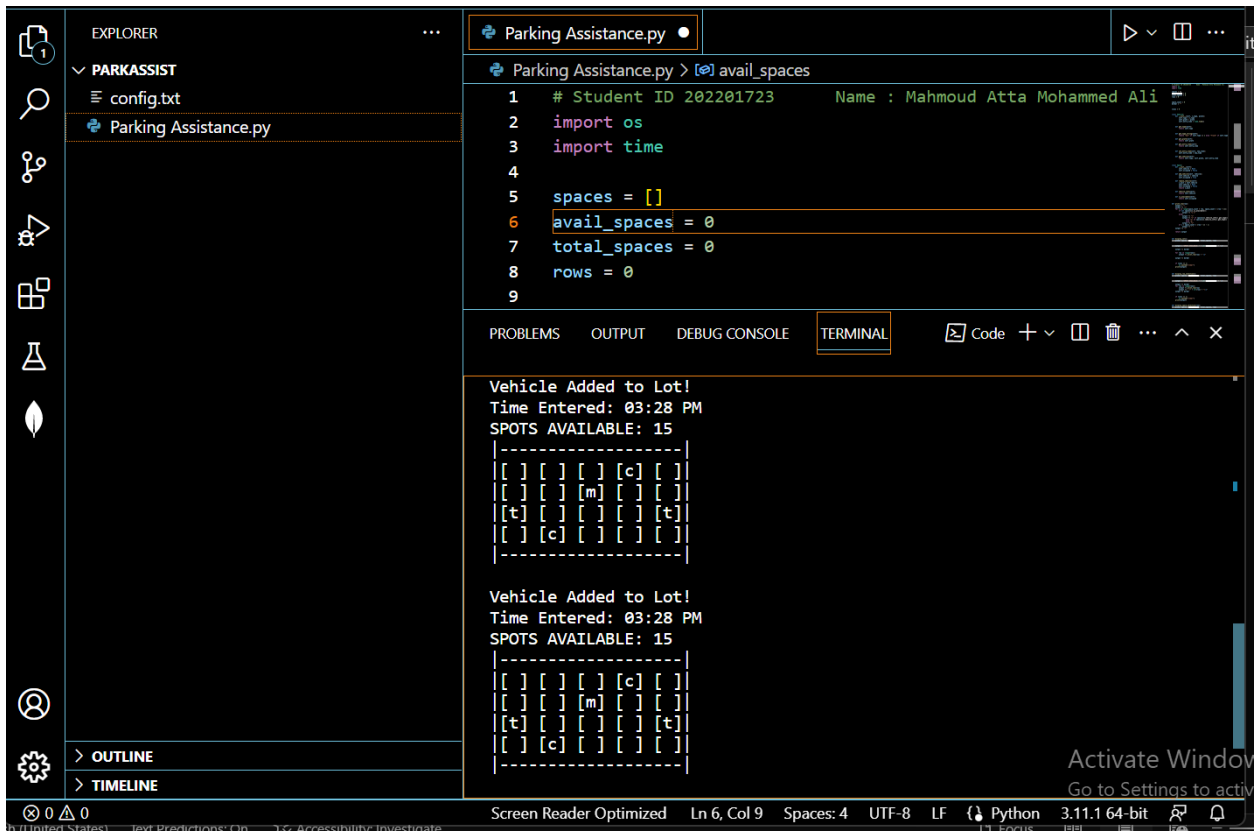
```
1 # Student ID 202201723      Name : Mahmoud Atta Mohammed Ali
2 import os
3 import time
4
5 spaces = []
6 avail_spaces = 0
7 total_spaces = 0
8 rows = 0
9
```

TERMINAL

```
Vehicle Added to Lot!
Time Entered: 03:28 PM
SPOTS AVAILABLE: 17
|-----|
| | | | | [c] | |
| | | | | [m] | |
| [t] | | | | | |
| | | | | | | |
|-----|

Vehicle Added to Lot!
Time Entered: 03:28 PM
SPOTS AVAILABLE: 16
|-----|
| | | | | [c] | |
| | | | | [m] | |
| [t] | | | | | |
| | [c] | | | | |
|-----|
```

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config.txt

Parking Assistance.py

Parking Assistance.py

1

Student ID 202201723 Name : Mahmoud Atta Mohammed Ali

2

import os

3

import time

4

5

spaces = []

6

avail_spaces = 0

7

total_spaces = 0

8

rows = 0

9

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Code

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|-----|

Enter Vehicle Type:

1. Car

2. Truck

3. Motorcycle

>Car

SPOTS AVAILABLE: 15

|-----|

| [] [] [] [c] [] |

| [] [] [m] [] [] |

| [t] [] [] [] [t] |

| [] [c] [] [] [] |

|-----|

Enter Vehicle Type:

1. Car

2. Truck

3. Motorcycle

>

> OUTLINE

> TIMELINE

0 0

Screen Reader Optimized

Ln 6, Col 9

Spaces: 4

UTF-8

LF

Python

3.11.1 64-bit

Activate Windows

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EXPLORER

PARKASSIST

config.txt

Parking Assistance.py

Parking Assistance.py

1

Student ID 202201723 Name : Mahmoud Atta Mohammed Ali

2

import os

3

import time

4

5

spaces = []

6

avail_spaces = 0

7

total_spaces = 0

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9

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Code

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Enter New Vehicle Plate Number:

>Misr123

SPOTS AVAILABLE: 15

|-----|

| [] [] [] [c] [] | <0>

| [] [] [m] [] [] | <1>

| [t] [] [] [] [t] | <2>

| [] [c] [] [] [] | <3>

|-----|

Select Row to Park In:

>0

VIEWING ROW: 0

|-----|

| [] [] [] [c] [] |

| <0> <1> <2> <3> <4> |

|-----|

Select Space to Park In:

>

> OUTLINE

> TIMELINE

0 0

Screen Reader Optimized

Ln 6, Col 9

Spaces: 4

UTF-8

LF

Python

3.11.1 64-bit

Activate Windows

Go to Settings to activate Windows

VS Code interface showing the file explorer on the left with 'PARKASSIST' and 'config.txt'. The main editor displays 'Parking Assistance.py' with the following code:

```
1 # Student ID 202201723      Name : Mahmoud Atta Mohammed Ali
2 import os
3 import time
4
5 spaces = []
6 avail_spaces = 0
7 total_spaces = 0
8 rows = 0
9
```

The TERMINAL tab shows the program's output:

```
Select Space to Park In:
>2
SPOTS AVAILABLE: 14
|-----|
| [ ] [ ] [c] [c] [ ] |
| [ ] [ ] [m] [ ] [ ] |
| [t] [ ] [ ] [ ] [t] |
| [ ] [c] [ ] [ ] [ ] |
|-----|

Vehicle Added to Lot!
Time Entered: 03:55 PM
SPOTS AVAILABLE: 14
|-----|
| [ ] [ ] [c] [c] [ ] |
| [ ] [ ] [m] [ ] [ ] |
| [t] [ ] [ ] [ ] [t] |
| [ ] [c] [ ] [ ] [ ] |
|-----|
```

The status bar at the bottom indicates 'Ln 6, Col 9' and 'Spaces: 4'.

VS Code interface showing the same file explorer and code editor as the first screenshot. The TERMINAL tab shows the program's output after the first run:

```
Vehicle Added to Lot!
Time Entered: 03:55 PM
SPOTS AVAILABLE: 14
|-----|
| [ ] [ ] [c] [c] [ ] |
| [ ] [ ] [m] [ ] [ ] |
| [t] [ ] [ ] [ ] [t] |
| [ ] [c] [ ] [ ] [ ] |
|-----|

Please Select An Option:
P - Park a Vehicle
E - Exit the Lot
V - View a Parked Vehicle
R - Display Vehicle Rates
Q - Quit Application
>
```

The status bar at the bottom indicates 'Ln 6, Col 9' and 'Spaces: 4'.