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Results of Task A, B, C, D and E

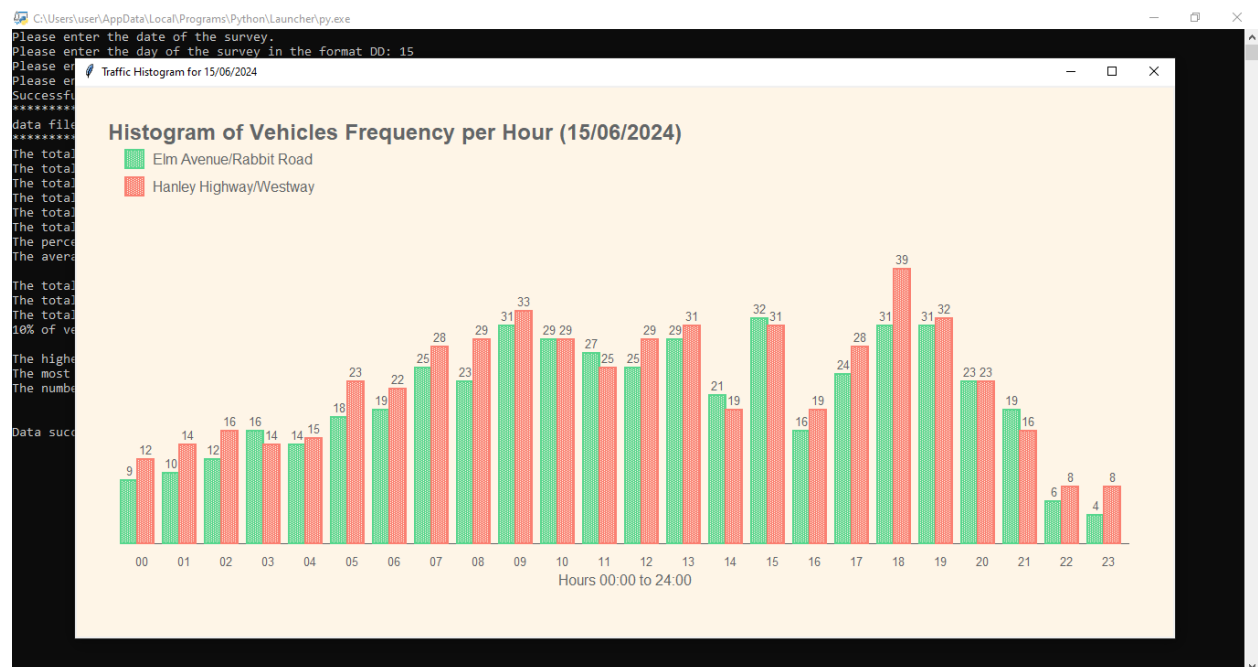
Traffic_data15062024.csv file

```
C:\Users\user\AppData\Local\Programs\Python\Launcher\py.exe
Please enter the date of the survey.
Please enter the day of the survey in the format DD: 15
Please enter the month of the survey in the format MM: 06
Please enter the year of the survey in the format YYYY: 2024
Successfully loaded data from traffic_data15062024.csv
*****
data file selected is traffic_data15062024.csv
*****
The total number of vehicles recorded for this date is 1037
The total number of trucks recorded for this date is 109
The total number of electric vehicles for this date is 368
The total number of two-wheeled vehicles for this date is 401
The total number of Buses leaving Elm Avenue/Rabbit Road heading North is 15
The total number of Vehicles through both junctions not turning left or right is 363
The percentage of total vehicles recorded that are trucks for this date is 11%
The average number of Bikes per hour for this date is 7

The total number of Vehicles recorded as over the speed limit for this date is 205
The total number of vehicles recorded through Elm Avenue/Rabbit Road junction is 494
The total number of vehicles recorded through Hanley Highway/Westway junction is 543
10% of vehicles recorded through Elm Avenue/Rabbit Road are scooters.

The highest number of vehicles in an hour on Hanley Highway/Westway is 39
The most vehicles through Hanley Highway/Westway were recorded Between 18:00 and 19:00
The number of hours of rain for this date is 0

Data successfully saved to results.txt
```



```
C:\Users\user\AppData\Local\Programs\Python\Launcher\py.exe
Please enter the date of the survey.
Please enter the day of the survey in the format DD: 15
Please enter the month of the survey in the format MM: 06
Please enter the year of the survey in the format YYYY: 2024
Successfully loaded data from traffic_data15062024.csv
*****
data file selected is traffic_data15062024.csv
*****
The total number of vehicles recorded for this date is 1037
The total number of trucks recorded for this date is 199
The total number of electric vehicles for this date is 368
The total number of two-wheeled vehicles for this date is 401
The total number of Buses leaving Elm Avenue/Rabbit Road heading North is 15
The total number of Vehicles through both junctions not turning left or right is 363
The percentage of total vehicles recorded that are trucks for this date is 11%
The average number of Bikes per hour for this date is 7

The total number of Vehicles recorded as over the speed limit for this date is 205
The total number of vehicles recorded through Elm Avenue/Rabbit Road junction is 494
The total number of vehicles recorded through Hanley Highway/Westway junction is 543
10% of vehicles recorded through Elm Avenue/Rabbit Road are scooters.

The highest number of vehicles in an hour on Hanley Highway/Westway is 39
The most vehicles through Hanley Highway/Westway were recorded Between 18:00 and 19:00
The number of hours of rain for this date is 0

Data successfully saved to results.txt
Do you want to select another data file for a different date? Y/N:
```

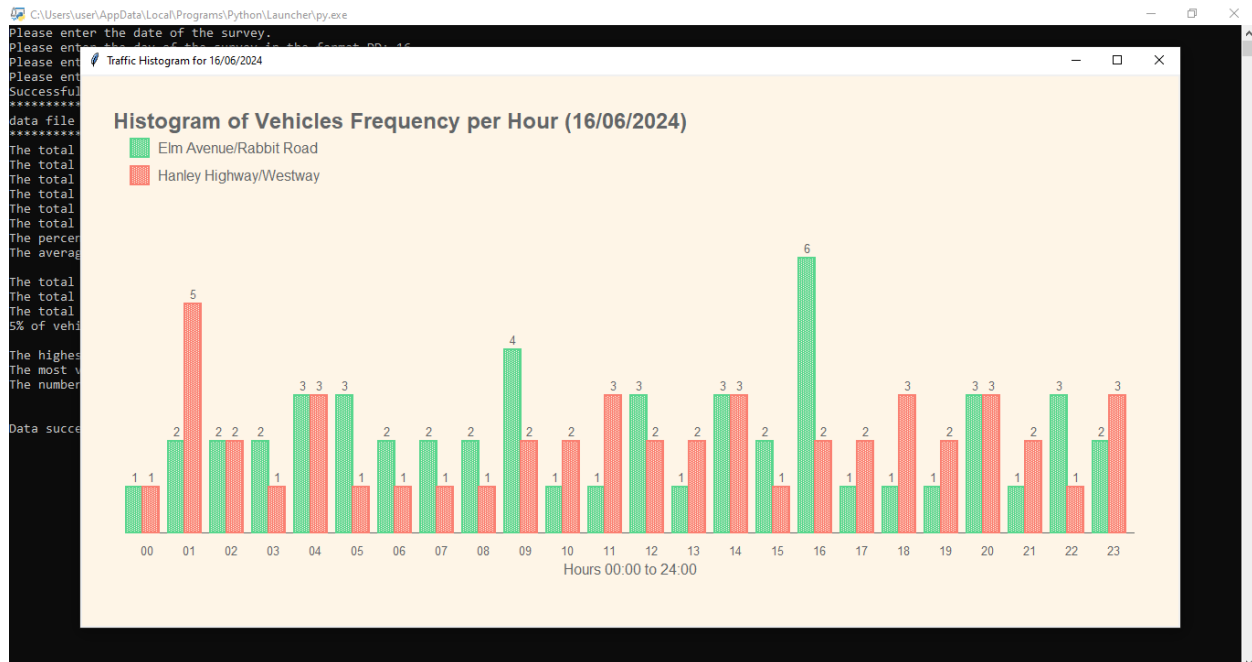
Traffic_data16062024.csv file

```
C:\Users\user\AppData\Local\Programs\Python\Launcher\py.exe
Please enter the date of the survey.
Please enter the day of the survey in the format DD: 16
Please enter the month of the survey in the format MM: 06
Please enter the year of the survey in the format YYYY: 2024
Successfully loaded data from traffic_data16062024.csv
*****
data file selected is traffic_data16062024.csv
*****
The total number of vehicles recorded for this date is 101
The total number of trucks recorded for this date is 11
The total number of electric vehicles for this date is 29
The total number of two-wheeled vehicles for this date is 29
The total number of Buses leaving Elm Avenue/Rabbit Road heading North is 0
The total number of Vehicles through both junctions not turning left or right is 38
The percentage of total vehicles recorded that are trucks for this date is 11%
The average number of Bikes per hour for this date is 0

The total number of Vehicles recorded as over the speed limit for this date is 20
The total number of vehicles recorded through Elm Avenue/Rabbit Road junction is 52
The total number of vehicles recorded through Hanley Highway/Westway junction is 49
5% of vehicles recorded through Elm Avenue/Rabbit Road are scooters.

The highest number of vehicles in an hour on Hanley Highway/Westway is 5
The most vehicles through Hanley Highway/Westway were recorded Between 01:00 and 02:00
The number of hours of rain for this date is 0

Data successfully saved to results.txt
```



C:\Users\user\AppData\Local\Programs\Python\Launcher\py.exe

Please enter the date of the survey.
Please enter the day of the survey in the format DD: 16
Please enter the month of the survey in the format MM: 06
Please enter the year of the survey in the format YYYY: 2024
Successfully loaded data from traffic_data16062024.csv

data file selected is traffic_data16062024.csv

The total number of vehicles recorded for this date is 101
The total number of trucks recorded for this date is 11
The total number of electric vehicles for this date is 29
The total number of two-wheeled vehicles for this date is 29
The total number of Buses leaving Elm Avenue/Rabbit Road heading North is 0
The total number of Vehicles through both junctions not turning left or right is 38
The percentage of total vehicles recorded that are trucks for this date is 11%
The average number of Bikes per hour for this date is 0

The total number of Vehicles recorded as over the speed limit for this date is 20
The total number of vehicles recorded through Elm Avenue/Rabbit Road junction is 52
The total number of vehicles recorded through Hanley Highway/Westway junction is 49
5% of vehicles recorded through Elm Avenue/Rabbit Road are scooters.

The highest number of vehicles in an hour on Hanley Highway/Westway is 5
The most vehicles through Hanley Highway/Westway were recorded Between 01:00 and 02:00
The number of hours of rain for this date is 0

Data successfully saved to results.txt
Do you want to select another data file for a different date? Y/N:

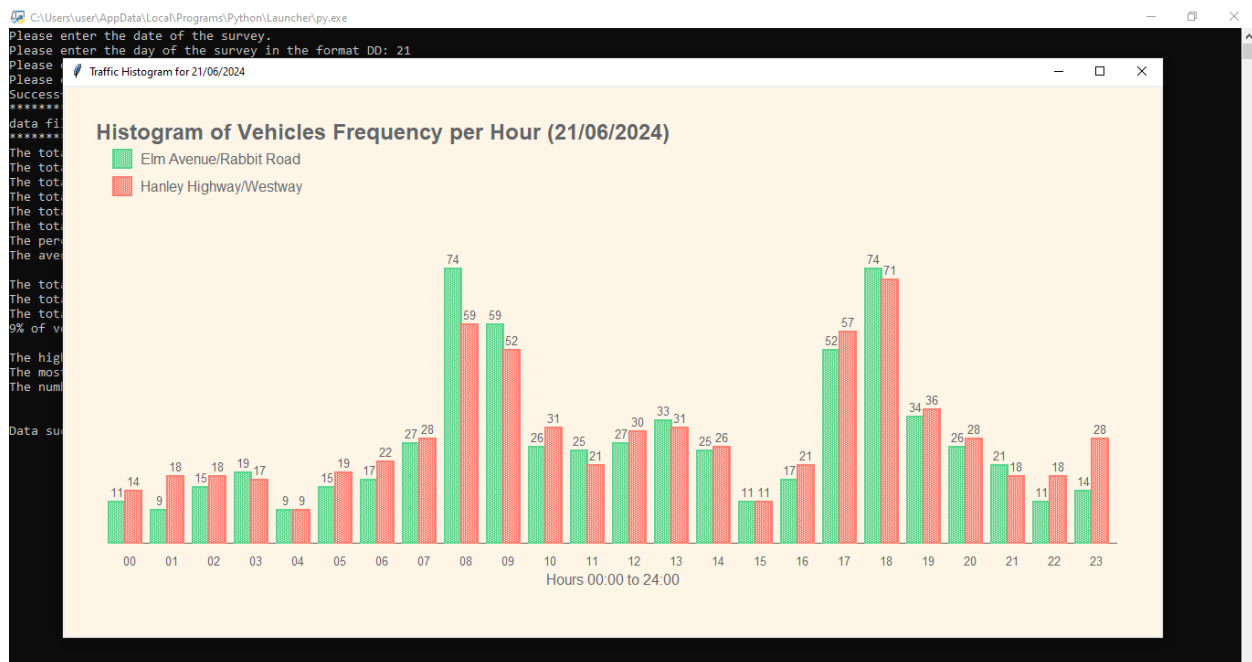
Traffic_data21062024.csv file

```
C:\Users\user\AppData\Local\Programs\Python\Launcher\py.exe
Please enter the date of the survey.
Please enter the day of the survey in the format DD: 21
Please enter the month of the survey in the format MM: 06
Please enter the year of the survey in the format YYYY: 2024
Successfully loaded data from traffic_data21062024.csv
*****
data file selected is traffic_data21062024.csv
*****
The total number of vehicles recorded for this date is 1334
The total number of trucks recorded for this date is 138
The total number of electric vehicles for this date is 442
The total number of two-wheeled vehicles for this date is 503
The total number of Buses leaving Elm Avenue/Rabbit Road heading North is 19
The total number of Vehicles through both junctions not turning left or right is 494
The percentage of total vehicles recorded that are trucks for this date is 10%
The average number of Bikes per hour for this date is 10

The total number of Vehicles recorded as over the speed limit for this date is 250
The total number of vehicles recorded through Elm Avenue/Rabbit Road junction is 651
The total number of vehicles recorded through Hanley Highway/Westway junction is 683
9% of vehicles recorded through Elm Avenue/Rabbit Road are scooters.

The highest number of vehicles in an hour on Hanley Highway/Westway is 71
The most vehicles through Hanley Highway/Westway were recorded Between 18:00 and 19:00
The number of hours of rain for this date is 0

Data successfully saved to results.txt
```



C:\Users\user\AppData\Local\Programs\Python\Launcher\py.exe

```
Please enter the date of the survey.
Please enter the day of the survey in the format DD: 21
Please enter the month of the survey in the format MM: 06
Please enter the year of the survey in the format YYYY: 2024
Successfully loaded data from traffic_data21062024.csv
*****
data file selected is traffic_data21062024.csv
*****
The total number of vehicles recorded for this date is 1334
The total number of trucks recorded for this date is 138
The total number of electric vehicles for this date is 442
The total number of two-wheeled vehicles for this date is 503
The total number of Buses leaving Elm Avenue/Rabbit Road heading North is 19
The total number of Vehicles through both junctions not turning left or right is 494
The percentage of total vehicles recorded that are trucks for this date is 10%
The average number of Bikes per hour for this date is 10

The total number of Vehicles recorded as over the speed limit for this date is 250
The total number of vehicles recorded through Elm Avenue/Rabbit Road junction is 651
The total number of vehicles recorded through Hanley Highway/Westway junction is 683
9% of vehicles recorded through Elm Avenue/Rabbit Road are scooters.

The highest number of vehicles in an hour on Hanley Highway/Westway is 71
The most vehicles through Hanley Highway/Westway were recorded Between 18:00 and 19:00
The number of hours of rain for this date is 0

Data successfully saved to results.txt
Do you want to select another data file for a different date? Y/N:n
```