

Test Case #	Test Case Scenario	Inputs	Outcome	Remarks
1	Valid input "Y"	Y	Repeat the questions	Pass
2	Valid input "N"	N	"Exiting program."	Pass

```

Do you want to load the histogram? (Y/N): Y
Enter the day (DD): 15
Enter the month (MM): 6
Enter the year (YYYY): 2024
Do you want to load the histogram? (Y/N): N
Exiting program.

```

Test Case #	Test Case Scenario	Inputs	Outcome	Remarks
3	Validate year range	1997	Out of range - values must be in the range 2000 and 2024	pass
4	Validate month range	15	Out of range - values must be in the range 1 and 12	pass
5	Invalid day outside max for month	31.06.2024	Invalid data check day, month and year	pass
6	Missing file	29.06.2021 (Incorrect File Name)	Error: File not found. File not found or failed to process. Please try again.	pass
7	Non_leap February date	29.02.2023	Invalid data check day, month and year.	pass
8	Invalid input type	p	Integer required.	pass
9	Validate empty input	space	Integer required.	pass

```

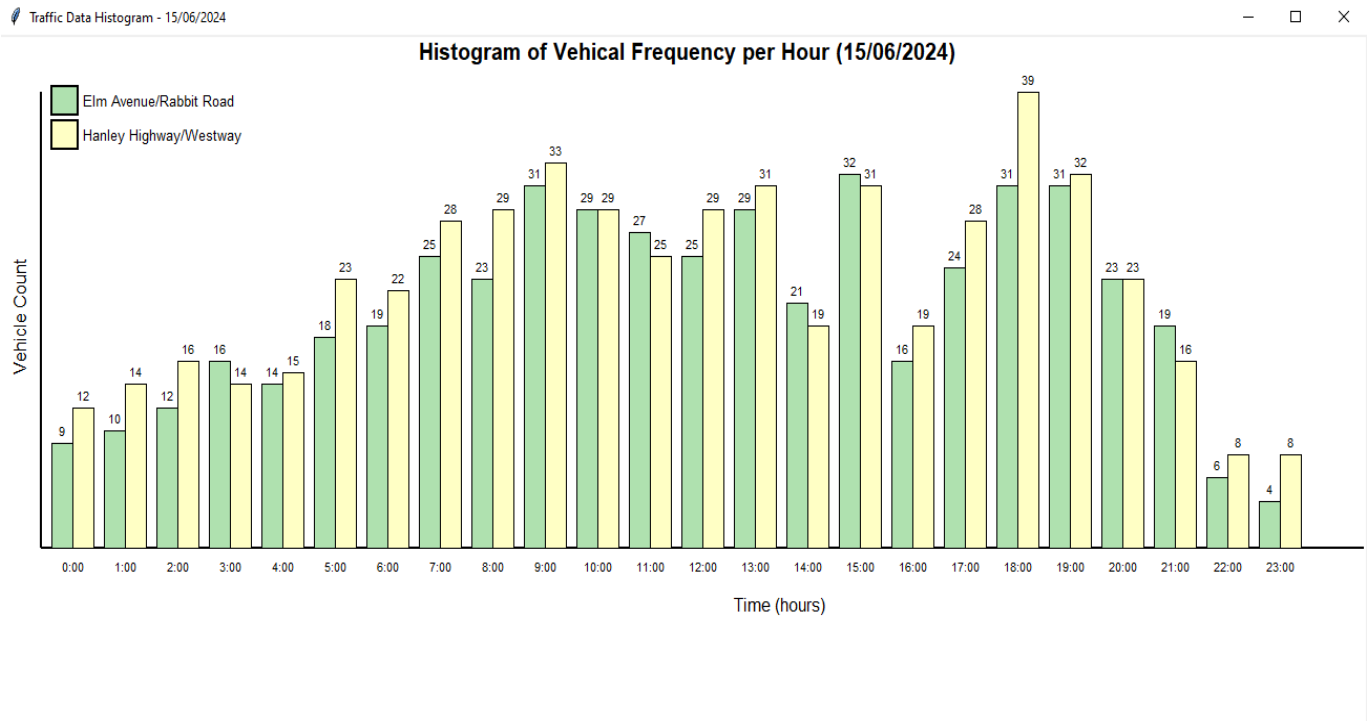
Enter the day (DD): 15
Enter the month (MM): 6
Enter the year (YYYY): 1997
Out of range - values must be in the range 2000 and 2024
Enter the day (DD): 15
Enter the month (MM): 15
Out of range - values must be in the range 1 and 12
Enter the day (DD): 31
Enter the month (MM): 6
Enter the year (YYYY): 2024
Invalid data check day, month and year

```

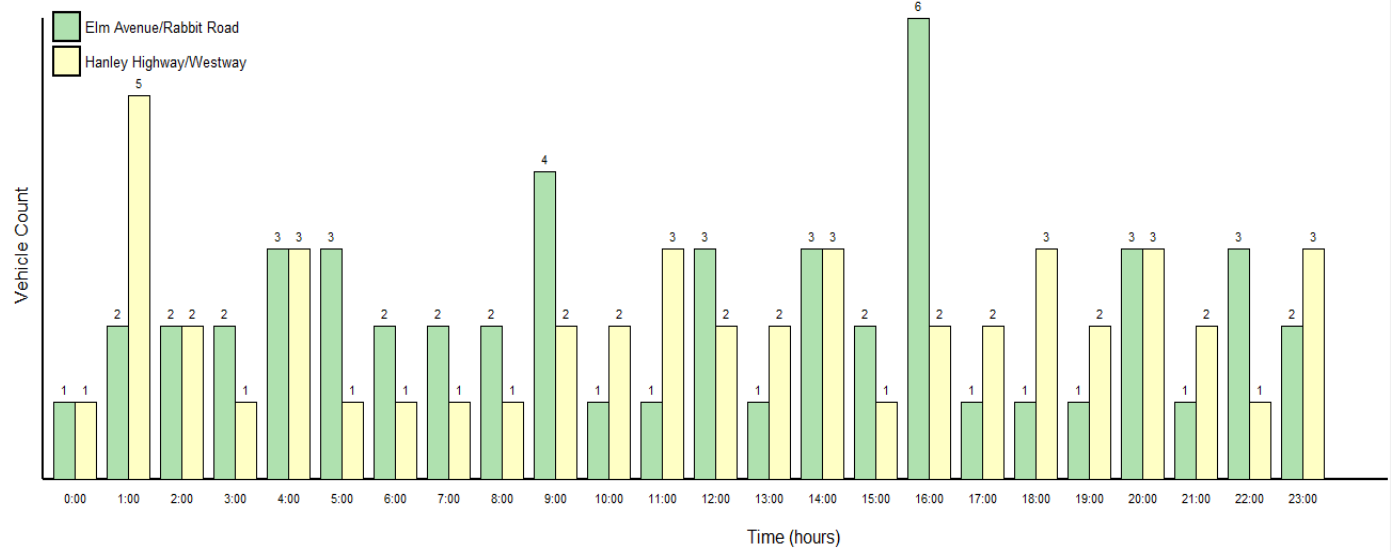
```
Enter the day (DD): 29
Enter the month (MM): 6
Enter the year (YYYY): 2021
Error: File not found.
File not found or failed to process. Please try again.
Enter the day (DD): 29
Enter the month (MM): 2
Enter the year (YYYY): 2023
Invalid data check day, month and year
```

```
Enter the day (DD): p
Integer required
Enter the day (DD):
Integer required
```

Test Case #	Test Case Scenario	Inputs	Outcome	Remarks
10	Validate_the_expected_output	traffic_data15062024.csv	Draw the histogram	Pass
		traffic_data16062024.csv		
		traffic_data21062024.csv		



Histogram of Vehical Frequency per Hour (16/06/2024)



Histogram of Vehical Frequency per Hour (21/06/2024)

