C:\Users\olinr\CS121\OBD\_Delay\venv\Scripts\python.exe C:/Users/olinr/CS121/OBD\_Delay/app.py

GET\_CURRENT\_DTC

[]

MIDS\_A

11000000000000000000000000000001

MONITOR\_O2\_B1S1

Unknown : 0.0 count [PASSED]

MONITOR\_O2\_B1S2

[obd.obd] 'b'0603': O2 Sensor Monitor Bank 1 - Sensor 3' is not supported

[obd.obd] 'b'0604': O2 Sensor Monitor Bank 1 - Sensor 4' is not supported

[obd.obd] 'b'0605': O2 Sensor Monitor Bank 2 - Sensor 1' is not supported

[obd.obd] 'b'0606': O2 Sensor Monitor Bank 2 - Sensor 2' is not supported

[obd.obd] 'b'0607': O2 Sensor Monitor Bank 2 - Sensor 3' is not supported

[obd.obd] 'b'0608': O2 Sensor Monitor Bank 2 - Sensor 4' is not supported

[obd.obd] 'b'0609': O2 Sensor Monitor Bank 3 - Sensor 1' is not supported

[obd.obd] 'b'060A': O2 Sensor Monitor Bank 3 - Sensor 2' is not supported

[obd.obd] 'b'060B': O2 Sensor Monitor Bank 3 - Sensor 3' is not supported

[obd.obd] 'b'060C': O2 Sensor Monitor Bank 3 - Sensor 4' is not supported

[obd.obd] 'b'060D': O2 Sensor Monitor Bank 4 - Sensor 1' is not supported

[obd.obd] 'b'060E': O2 Sensor Monitor Bank 4 - Sensor 2' is not supported

[obd.obd] 'b'060F': O2 Sensor Monitor Bank 4 - Sensor 3' is not supported

[obd.obd] 'b'0610': O2 Sensor Monitor Bank 4 - Sensor 4' is not supported

Rich to lean sensor threshold voltage : 620.736 millivolt [PASSED]

Lean to rich sensor threshold voltage : 620.736 millivolt [PASSED]

Minimum sensor voltage for test cycle : 0.0 millivolt [PASSED]

Maximum sensor voltage for test cycle : 0.0 millivolt [PASSED]

Unknown : 0.0 millivolt [PASSED]

Unknown : 0.0 millivolt [PASSED]

Unknown : 0.0 millivolt [PASSED]

MONITOR\_O2\_B1S3

None

MONITOR\_O2\_B1S4

None

MONITOR\_O2\_B2S1

None

MONITOR\_O2\_B2S2

None

MONITOR\_O2\_B2S3

None

MONITOR\_O2\_B2S4

None

MONITOR\_O2\_B3S1

None

MONITOR\_O2\_B3S2

None

MONITOR\_O2\_B3S3

None

MONITOR\_O2\_B3S4

None

MONITOR\_O2\_B4S1

None

MONITOR\_O2\_B4S2

None

MONITOR\_O2\_B4S3

None

MONITOR\_O2\_B4S4

None

MIDS\_B

10000000000000000000000001111001

MONITOR\_CATALYST\_B1

[obd.obd] 'b'0622': Catalyst Monitor Bank 2' is not supported

[obd.obd] 'b'0623': Catalyst Monitor Bank 3' is not supported

[obd.obd] 'b'0624': Catalyst Monitor Bank 4' is not supported

[obd.obd] 'b'0631': EGR Monitor Bank 1' is not supported

[obd.obd] 'b'0632': EGR Monitor Bank 2' is not supported

[obd.obd] 'b'0633': EGR Monitor Bank 3' is not supported

[obd.obd] 'b'0634': EGR Monitor Bank 4' is not supported

[obd.obd] 'b'0635': VVT Monitor Bank 1' is not supported

[obd.obd] 'b'0636': VVT Monitor Bank 2' is not supported

[obd.obd] 'b'0637': VVT Monitor Bank 3' is not supported

[obd.obd] 'b'0638': VVT Monitor Bank 4' is not supported

[obd.obd] 'b'0639': EVAP Monitor (Cap Off / 0.150")' is not supported

Unknown : 0.0 count [PASSED]

MONITOR\_CATALYST\_B2

None

MONITOR\_CATALYST\_B3

None

MONITOR\_CATALYST\_B4

None

MONITOR\_EGR\_B1

None

MONITOR\_EGR\_B2

None

MONITOR\_EGR\_B3

None

MONITOR\_EGR\_B4

None

MONITOR\_VVT\_B1

None

MONITOR\_VVT\_B2

None

MONITOR\_VVT\_B3

None

MONITOR\_VVT\_B4

None

MONITOR\_EVAP\_150

None

MONITOR\_EVAP\_090

Unknown : 0.0 millisecond [PASSED]

MONITOR\_EVAP\_040

Unknown : 0.0 millisecond [PASSED]

MONITOR\_EVAP\_020

Unknown : 0.0 millisecond [PASSED]

Unknown : 0.0 gram [PASSED]

MONITOR\_PURGE\_FLOW

Unknown : 0.0 count [PASSED]

Unknown : 0.0 count [PASSED]

MIDS\_C

11000000000000000000000000000001

MONITOR\_O2\_HEATER\_B1S1

Unknown : -40.0 degC [PASSED]

MONITOR\_O2\_HEATER\_B1S2

[obd.obd] 'b'0643': O2 Sensor Heater Monitor Bank 1 - Sensor 3' is not supported

[obd.obd] 'b'0644': O2 Sensor Heater Monitor Bank 1 - Sensor 4' is not supported

[obd.obd] 'b'0645': O2 Sensor Heater Monitor Bank 2 - Sensor 1' is not supported

[obd.obd] 'b'0646': O2 Sensor Heater Monitor Bank 2 - Sensor 2' is not supported

[obd.obd] 'b'0647': O2 Sensor Heater Monitor Bank 2 - Sensor 3' is not supported

[obd.obd] 'b'0648': O2 Sensor Heater Monitor Bank 2 - Sensor 4' is not supported

[obd.obd] 'b'0649': O2 Sensor Heater Monitor Bank 3 - Sensor 1' is not supported

[obd.obd] 'b'064A': O2 Sensor Heater Monitor Bank 3 - Sensor 2' is not supported

[obd.obd] 'b'064B': O2 Sensor Heater Monitor Bank 3 - Sensor 3' is not supported

[obd.obd] 'b'064C': O2 Sensor Heater Monitor Bank 3 - Sensor 4' is not supported

[obd.obd] 'b'064D': O2 Sensor Heater Monitor Bank 4 - Sensor 1' is not supported

[obd.obd] 'b'064E': O2 Sensor Heater Monitor Bank 4 - Sensor 2' is not supported

[obd.obd] 'b'064F': O2 Sensor Heater Monitor Bank 4 - Sensor 3' is not supported

[obd.obd] 'b'0650': O2 Sensor Heater Monitor Bank 4 - Sensor 4' is not supported

Unknown : 0.0 ohm [PASSED]

MONITOR\_O2\_HEATER\_B1S3

None

MONITOR\_O2\_HEATER\_B1S4

None

MONITOR\_O2\_HEATER\_B2S1

None

MONITOR\_O2\_HEATER\_B2S2

None

MONITOR\_O2\_HEATER\_B2S3

None

MONITOR\_O2\_HEATER\_B2S4

None

MONITOR\_O2\_HEATER\_B3S1

None

MONITOR\_O2\_HEATER\_B3S2

None

MONITOR\_O2\_HEATER\_B3S3

None

MONITOR\_O2\_HEATER\_B3S4

None

MONITOR\_O2\_HEATER\_B4S1

None

MONITOR\_O2\_HEATER\_B4S2

None

MONITOR\_O2\_HEATER\_B4S3

None

MONITOR\_O2\_HEATER\_B4S4

None

MIDS\_D

00000000000000000000000000000001

MONITOR\_HEATED\_CATALYST\_B1

None

MONITOR\_HEATED\_CATALYST\_B2

None

MONITOR\_HEATED\_CATALYST\_B3

None

MONITOR\_HEATED\_CATALYST\_B4

None

MONITOR\_SECONDARY\_AIR\_1

None

MONITOR\_SECONDARY\_AIR\_2

None

MONITOR\_SECONDARY\_AIR\_3

None

MONITOR\_SECONDARY\_AIR\_4

None

MIDS\_E

[obd.obd] 'b'0661': Heated Catalyst Monitor Bank 1' is not supported

[obd.obd] 'b'0662': Heated Catalyst Monitor Bank 2' is not supported

[obd.obd] 'b'0663': Heated Catalyst Monitor Bank 3' is not supported

[obd.obd] 'b'0664': Heated Catalyst Monitor Bank 4' is not supported

[obd.obd] 'b'0671': Secondary Air Monitor 1' is not supported

[obd.obd] 'b'0672': Secondary Air Monitor 2' is not supported

[obd.obd] 'b'0673': Secondary Air Monitor 3' is not supported

[obd.obd] 'b'0674': Secondary Air Monitor 4' is not supported

[obd.obd] 'b'0681': Fuel System Monitor Bank 1' is not supported

[obd.obd] 'b'0682': Fuel System Monitor Bank 2' is not supported

[obd.obd] 'b'0683': Fuel System Monitor Bank 3' is not supported

[obd.obd] 'b'0684': Fuel System Monitor Bank 4' is not supported

[obd.obd] 'b'0685': Boost Pressure Control Monitor Bank 1' is not supported

[obd.obd] 'b'0686': Boost Pressure Control Monitor Bank 1' is not supported

[obd.obd] 'b'0690': NOx Absorber Monitor Bank 1' is not supported

[obd.obd] 'b'0691': NOx Absorber Monitor Bank 2' is not supported

[obd.obd] 'b'0698': NOx Catalyst Monitor Bank 1' is not supported

00000000000000000000000000000001

MONITOR\_FUEL\_SYSTEM\_B1

None

MONITOR\_FUEL\_SYSTEM\_B2

None

MONITOR\_FUEL\_SYSTEM\_B3

None

MONITOR\_FUEL\_SYSTEM\_B4

None

MONITOR\_BOOST\_PRESSURE\_B1

None

MONITOR\_BOOST\_PRESSURE\_B2

None

MONITOR\_NOX\_ABSORBER\_B1

None

MONITOR\_NOX\_ABSORBER\_B2

None

MONITOR\_NOX\_CATALYST\_B1

None

MONITOR\_NOX\_CATALYST\_B2

None

MIDS\_F

[obd.obd] 'b'0699': NOx Catalyst Monitor Bank 2' is not supported

[obd.obd] 'b'06A1': Misfire Monitor General Data' is not supported

01111000000000000000000000000000

MONITOR\_MISFIRE\_GENERAL

None

MONITOR\_MISFIRE\_CYLINDER\_1

Average misfire counts for last ten driving cycles : 0.0 count [PASSED]

Misfire counts for last/current driving cycles : 0.0 count [PASSED]

MONITOR\_MISFIRE\_CYLINDER\_2

Average misfire counts for last ten driving cycles : 0.0 count [PASSED]

Misfire counts for last/current driving cycles : 0.0 count [PASSED]

MONITOR\_MISFIRE\_CYLINDER\_3

Average misfire counts for last ten driving cycles : 0.0 count [PASSED]

Misfire counts for last/current driving cycles : 0.0 count [PASSED]

MONITOR\_MISFIRE\_CYLINDER\_4

[obd.obd] 'b'06A6': Misfire Cylinder 5 Data' is not supported

[obd.obd] 'b'06A7': Misfire Cylinder 6 Data' is not supported

[obd.obd] 'b'06A8': Misfire Cylinder 7 Data' is not supported

[obd.obd] 'b'06A9': Misfire Cylinder 8 Data' is not supported

[obd.obd] 'b'06AA': Misfire Cylinder 9 Data' is not supported

[obd.obd] 'b'06AB': Misfire Cylinder 10 Data' is not supported

[obd.obd] 'b'06AC': Misfire Cylinder 11 Data' is not supported

[obd.obd] 'b'06AD': Misfire Cylinder 12 Data' is not supported

[obd.obd] 'b'06B0': PM Filter Monitor Bank 1' is not supported

Average misfire counts for last ten driving cycles : 0.0 count [PASSED]

Misfire counts for last/current driving cycles : 0.0 count [PASSED]

MONITOR\_MISFIRE\_CYLINDER\_5

None

MONITOR\_MISFIRE\_CYLINDER\_6

None

MONITOR\_MISFIRE\_CYLINDER\_7

None

MONITOR\_MISFIRE\_CYLINDER\_8

None

MONITOR\_MISFIRE\_CYLINDER\_9

None

MONITOR\_MISFIRE\_CYLINDER\_10

None

MONITOR\_MISFIRE\_CYLINDER\_11

None

MONITOR\_MISFIRE\_CYLINDER\_12

None

MONITOR\_PM\_FILTER\_B1

None

CLEAR\_DTC

None

GET\_DTC

[]

STATUS

[obd.obd] 'b'0102': DTC that triggered the freeze frame' is not supported

<obd.OBDResponse.Status object at 0x00000240930EC130>

FREEZE\_DTC

None

FUEL\_STATUS

('Closed loop, using oxygen sensor feedback to determine fuel mix', '')

ENGINE\_LOAD

20.392156862745097 percent

COOLANT\_TEMP

33 degC

SHORT\_FUEL\_TRIM\_1

0.0 percent

LONG\_FUEL\_TRIM\_1

[obd.obd] 'b'0108': Short Term Fuel Trim - Bank 2' is not supported

[obd.obd] 'b'0109': Long Term Fuel Trim - Bank 2' is not supported

[obd.obd] 'b'010A': Fuel Pressure' is not supported

[obd.obd] 'b'010B': Intake Manifold Pressure' is not supported

0.0 percent

SHORT\_FUEL\_TRIM\_2

None

LONG\_FUEL\_TRIM\_2

None

FUEL\_PRESSURE

None

INTAKE\_PRESSURE

None

RPM

769.5 revolutions\_per\_minute

SPEED

0.0 kph

TIMING\_ADVANCE

3.0 degree

INTAKE\_TEMP

16 degC

MAF

3.58 gps

THROTTLE\_POS

[obd.obd] 'b'0112': Secondary Air Status' is not supported

12.156862745098039 percent

AIR\_STATUS

None

O2\_SENSORS

[obd.obd] 'b'0114': O2: Bank 1 - Sensor 1 Voltage' is not supported

((), (False, False, False, False), (False, False, True, True))

O2\_B1S1

None

O2\_B1S2

0.445 volt

O2\_B1S3

None

O2\_B1S4

None

O2\_B2S1

None

O2\_B2S2

None

O2\_B2S3

None

O2\_B2S4

None

OBD\_COMPLIANCE

[obd.obd] 'b'0116': O2: Bank 1 - Sensor 3 Voltage' is not supported

[obd.obd] 'b'0117': O2: Bank 1 - Sensor 4 Voltage' is not supported

[obd.obd] 'b'0118': O2: Bank 2 - Sensor 1 Voltage' is not supported

[obd.obd] 'b'0119': O2: Bank 2 - Sensor 2 Voltage' is not supported

[obd.obd] 'b'011A': O2: Bank 2 - Sensor 3 Voltage' is not supported

[obd.obd] 'b'011B': O2: Bank 2 - Sensor 4 Voltage' is not supported

OBD and OBD-II

O2\_SENSORS\_ALT

None

AUX\_INPUT\_STATUS

None

RUN\_TIME

[obd.obd] 'b'011D': O2 Sensors Present (alternate)' is not supported

[obd.obd] 'b'011E': Auxiliary input status (power take off)' is not supported

118.0 second

PIDS\_B

10100000000001011011000000010001

DISTANCE\_W\_MIL

[obd.obd] 'b'0122': Fuel Rail Pressure (relative to vacuum)' is not supported

0.0 kilometer

FUEL\_RAIL\_PRESSURE\_VAC

None

FUEL\_RAIL\_PRESSURE\_DIRECT

[obd.obd] 'b'0124': 02 Sensor 1 WR Lambda Voltage' is not supported

[obd.obd] 'b'0125': 02 Sensor 2 WR Lambda Voltage' is not supported

[obd.obd] 'b'0126': 02 Sensor 3 WR Lambda Voltage' is not supported

[obd.obd] 'b'0127': 02 Sensor 4 WR Lambda Voltage' is not supported

[obd.obd] 'b'0128': 02 Sensor 5 WR Lambda Voltage' is not supported

[obd.obd] 'b'0129': 02 Sensor 6 WR Lambda Voltage' is not supported

[obd.obd] 'b'012A': 02 Sensor 7 WR Lambda Voltage' is not supported

[obd.obd] 'b'012B': 02 Sensor 8 WR Lambda Voltage' is not supported

[obd.obd] 'b'012C': Commanded EGR' is not supported

[obd.obd] 'b'012D': EGR Error' is not supported

4800.0 kilopascal

O2\_S1\_WR\_VOLTAGE

None

O2\_S2\_WR\_VOLTAGE

None

O2\_S3\_WR\_VOLTAGE

None

O2\_S4\_WR\_VOLTAGE

None

O2\_S5\_WR\_VOLTAGE

None

O2\_S6\_WR\_VOLTAGE

None

O2\_S7\_WR\_VOLTAGE

None

O2\_S8\_WR\_VOLTAGE

None

COMMANDED\_EGR

None

EGR\_ERROR

None

EVAPORATIVE\_PURGE

[obd.obd] 'b'012F': Fuel Level Input' is not supported

0.0 percent

FUEL\_LEVEL

None

WARMUPS\_SINCE\_DTC\_CLEAR

0.0 count

DISTANCE\_SINCE\_DTC\_CLEAR

[obd.obd] 'b'0132': Evaporative system vapor pressure' is not supported

0.0 kilometer

EVAP\_VAPOR\_PRESSURE

None

BAROMETRIC\_PRESSURE

100 kilopascal

O2\_S1\_WR\_CURRENT

[obd.obd] 'b'0135': 02 Sensor 2 WR Lambda Current' is not supported

[obd.obd] 'b'0136': 02 Sensor 3 WR Lambda Current' is not supported

[obd.obd] 'b'0137': 02 Sensor 4 WR Lambda Current' is not supported

[obd.obd] 'b'0138': 02 Sensor 5 WR Lambda Current' is not supported

[obd.obd] 'b'0139': 02 Sensor 6 WR Lambda Current' is not supported

[obd.obd] 'b'013A': 02 Sensor 7 WR Lambda Current' is not supported

[obd.obd] 'b'013B': 02 Sensor 8 WR Lambda Current' is not supported

0.0703125 milliampere

O2\_S2\_WR\_CURRENT

None

O2\_S3\_WR\_CURRENT

None

O2\_S4\_WR\_CURRENT

None

O2\_S5\_WR\_CURRENT

None

O2\_S6\_WR\_CURRENT

None

O2\_S7\_WR\_CURRENT

None

O2\_S8\_WR\_CURRENT

None

CATALYST\_TEMP\_B1S1

[obd.obd] 'b'013D': Catalyst Temperature: Bank 2 - Sensor 1' is not supported

[obd.obd] 'b'013E': Catalyst Temperature: Bank 1 - Sensor 2' is not supported

[obd.obd] 'b'013F': Catalyst Temperature: Bank 2 - Sensor 2' is not supported

155.5 degC

CATALYST\_TEMP\_B2S1

None

CATALYST\_TEMP\_B1S2

None

CATALYST\_TEMP\_B2S2

None

PIDS\_C

11111110110100000000010000000000

STATUS\_DRIVE\_CYCLE

<obd.OBDResponse.Status object at 0x00000240930F7040>

CONTROL\_MODULE\_VOLTAGE

14.559000000000001 volt

ABSOLUTE\_LOAD

21.176470588235293 percent

COMMANDED\_EQUIV\_RATIO

0.999424 ratio

RELATIVE\_THROTTLE\_POS

1.5686274509803921 percent

AMBIANT\_AIR\_TEMP

16 degC

THROTTLE\_POS\_B

12.156862745098039 percent

THROTTLE\_POS\_C

None

ACCELERATOR\_POS\_D

[obd.obd] 'b'0148': Absolute throttle position C' is not supported

14.901960784313726 percent

ACCELERATOR\_POS\_E

[obd.obd] 'b'014B': Accelerator pedal position F' is not supported

14.901960784313726 percent

ACCELERATOR\_POS\_F

None

THROTTLE\_ACTUATOR

[obd.obd] 'b'014D': Time run with MIL on' is not supported

[obd.obd] 'b'014E': Time since trouble codes cleared' is not supported

[obd.obd] 'b'0150': Maximum value for mass air flow sensor' is not supported

[obd.obd] 'b'0151': Fuel Type' is not supported

[obd.obd] 'b'0152': Ethanol Fuel Percent' is not supported

[obd.obd] 'b'0153': Absolute Evap system Vapor Pressure' is not supported

[obd.obd] 'b'0154': Evap system vapor pressure' is not supported

[obd.obd] 'b'0155': Short term secondary O2 trim - Bank 1' is not supported

1.9607843137254901 percent

RUN\_TIME\_MIL

None

TIME\_SINCE\_DTC\_CLEARED

None

MAX\_MAF

None

FUEL\_TYPE

None

ETHANOL\_PERCENT

None

EVAP\_VAPOR\_PRESSURE\_ABS

None

EVAP\_VAPOR\_PRESSURE\_ALT

None

SHORT\_O2\_TRIM\_B1

None

LONG\_O2\_TRIM\_B1

[obd.obd] 'b'0157': Short term secondary O2 trim - Bank 2' is not supported

[obd.obd] 'b'0158': Long term secondary O2 trim - Bank 2' is not supported

[obd.obd] 'b'0159': Fuel rail pressure (absolute)' is not supported

[obd.obd] 'b'015A': Relative accelerator pedal position' is not supported

[obd.obd] 'b'015B': Hybrid battery pack remaining life' is not supported

[obd.obd] 'b'015C': Engine oil temperature' is not supported

[obd.obd] 'b'015D': Fuel injection timing' is not supported

[obd.obd] 'b'015E': Engine fuel rate' is not supported

-0.78125 percent

SHORT\_O2\_TRIM\_B2

None

LONG\_O2\_TRIM\_B2

None

FUEL\_RAIL\_PRESSURE\_ABS

None

RELATIVE\_ACCEL\_POS

None

HYBRID\_BATTERY\_REMAINING

None

OIL\_TEMP

None

FUEL\_INJECT\_TIMING

None

FUEL\_RATE

None

Process finished with exit code 0