

Programming Activity

Write a **Car** class based on the UML diagram below, and then write a program to test the Car class.

Car
<code>__make</code> <code>__yearModel</code>
<code>__init__(mk, yr)</code> <code>setMake(mk)</code> <code>setYearModel(yr)</code> <code>getMake()</code> <code>getYearModel()</code>

You can name your programs **carYourLastName.py** and **carTestYourLastName.py**

```
# write a Car class
```

```
# write another program to test the Car class
```

Include header comments (i.e., **at the beginning of your file**) formatted as shown below. Your electronic submission of the program file will represent your endorsement of the Honor Code Statement.

```
# Course: CSCI 256, Section X
# Student Name: Jane Doe
# Student ID: 12345678
# Lab 12
# Due Date:

# In keeping with the Honor Code of UM, I have neither given nor received
# inappropriate assistance from anyone other than the TA.

# Program Description:
```

Sample Output

```
Enter the make of your car: Ford Escape
Enter the year model of your car: 2024

Your car is 2024 Ford Escape
```

Notice: You need to submit **your program** in Blackboard. Click on **Lab 12** link in Bb, click **Browse My Computer**, attach the program, and click **Submit**.