## Lab on classes    CPS 171

This lab is to give you practice using classes.   Hand in a listing of the program files and the output file.

Start Visual C++ and make a new project called CarLabProject on c:\thawed. Then copy the following files on the T: drive into that folder.
**t:\shared\class\cps\cps171\labs\carmain.cpp**
**t:\shared\class\cps\cps171\labs\car.cpp**
**t:\shared\class\cps\cps171\labs\car.h**

Use **Project/AddExistingItem** to add **both of the .cpp files** to the source files for your project.

Note that you <u>don't do anything</u> to add the car.h file - it becomes part of the program through the #include that is already in the files.

Now write the member functions in car.cpp (the implementation file).   All of the code for these member functions is **missing** - please supply appropriate actions which perform the functions requested in the comments.

Test your program after doing this and get a hard copy of the program and the output.

If you have time, write a three argument constructor that could be used to initialize BobsCar – see main program. Remove the comments in main to test your new function.

Some sample output appears below

Name

**** Default constructor
This car's make is No make
The model is No model
 and the mileage is 0.00
Enter make of car (one word):Honda
Enter model of car:Civic
Enter current mileage:8500

**** Ann's car info:
This car's make is Honda
The model is Civic
 and the mileage is 8500.00

**** Ann's car - new info:
This car's make is Honda
The model is Civic

and the mileage is 8800.00
Press any key to continue