Name:

1. Create a program that accumulates the mileage you drive every day. You must implement this using classes in C++. The program should support the following interface:

MyMileage foo;

foo.addMiles(“myfile.txt”);

foo.printMiles()

The argument to addMiles() is any filename. This file contains numbers representing the miles you drove each day ­– one number per line:

cat foo1.txt: cat foo2.txt:

10 20

17 10

 5

Multiple calls to addMiles() should accumulate the total miles, not reset them.

Your main program must accept filenames from the command line:

Mymiles.exe foo1.txt foo2.txt

and print the total number of accumulated miles:

foo1.txt: 27 total miles

foo2.txt: 35 total miles

total accumulated miles: 62 miles

The message must come from your print function, which must be called once at the end of your program (this prints the accumulated mileage). Your addMiles() function can print the number of miles read from the file.

Submit your program in an email attachment using the filename lastname\_firstnam\_qu10.cc. Your code should compile without using any special C++ libraries.