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CS 250 H
Chapter 12 Book work
4/4/2018

Pg. 710-713 / 2-16 even, 44-48 even, 66, 68, 72

2.) ios::app

4.) the binary "or" operator   "|"

6.) set to true when error state is nonrecoverable. fstream.fail() is used to read this bit.

8.) set to true when an invalid operation is attempted (like reading while in out mode) (fstream.bad())

10.) The character address of the thing to be written and the size of the data to be written.

12.) reinterpret_cast<[pointer type]>([original pointer])

14.) fstream.tellg() and fstream.tellp()   // get(read) and put(write) respectively

16.) use seekg(0, ios::end); to go to the end of the file and then use tellg() to read in the byte size of the entire file

44.)   fstream places ("places.dat", ios::out | ios::in | ios::binary);

         places.open("places.dat", ios::out | ios::in | ios::binary); // assume places already exists

46.)   fstream places ("data.txt", ios::in);

         if(!places) { //the does not exist

                 places.open("data.txt", ios::out);

         }

         places.open("data.txt", ios::out | ios::in); // reopen in the correct mode

48.) "rewinds" is rather vague.   infoFile.seekg(0, ios::beg); //resets to the beginning of the file

66.)   if(file) check is wrong. This will return false when the file fails to open, bypassing the error message. It should be if(!file).

         Attempted to open an output file stream in input mode. Should be using an fstream or ifstream.

68.)   ios attributes must be accessed with "::" not just ":".

         Attempted to write using the insertion operator to a file stream opened only for input.

72.)   ios attributes must be accessed with "::" not just ":".

         Attempts a seekp (for output) on a file stream opened only for input.