CPSC 1160: ASSIGNMENT 5[25 MARKS]

With the given MatrixDriver.cpp and the three matrix text files. Write a Matrix.h file so that the MatrixDriver file will output the following. You must implement your matrix class using a vector of int vectors. **You can not hard code your answer.**

```
(M1)-------------------
|  13   4   2   1|
|   3  12   5   4|
|   4   8   6  11|

(M2)-------------------
|  13   4   2   1|
|   3  12   5   5|
|   4   8   6  11|

(M3)-------------------
|  13   4   2   1   3   2|
|   1   2  54   3   2   2|
|  11  32   2   6   5   4|
|   3   1   8   6  12  33|

(M1==M1)------------------
TRUE
(M1==M2)------------------
FALSE
(M4)---------------
|  65  20  10   5|
|  15  60  25  20|
|  20  40  30  55|


(M5)------------------
|  26   8   4   2|
|   6  24  10   9|
|   8  16  12  22|


(M5-M2)------------------
|  13   4   2   1|
|   3  12   5   4|
|   4   8   6  11|

((M5-M2)*M3)-----------------
| 198 125 254  43  69  75|
| 118 200 696  93 106 182|
| 159 235 540 130 190 411|

(M1*M3)------------------
| 198 125 254  43  69  75|
| 118 200 696  93 106 182|
| 159 235 540 130 190 411|

(M3*M1)------------------
Empty
```

Submissions

Make sure that your code is neat and is well commented

Submit to D2L a zip/archive file containing all the files that are need to compile (matrixTest.cpp, matrix.h) and run your program(the three matrix files).

If you do not zip your file or if you submit the .exe files, you will receive ZERO for this lab (http://www.wikihow.com/Zip-Files-Together)