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1  /*
2  *   - toeflscore.cpp -
3  *   ENSC 251 - Lab Assignment 2
4  *   May 31, 2019
5  *   Judd Foster
6  *   301377893
7  */
8
9  // make sure to include the hpp file for the declarations; this file will be
10 // actually implementing the functions in the class
11 #include "toeflscore.hpp"
12
13 using namespace std;
14
15 // ***** ToeflScore Class ***** //
16
17 // define implementations for the get and set functions
18 int ToeflScore::getReading() const
19 {
20     return this->reading;
21 }
22
23 void ToeflScore::setReading(int r)
24 {
25     this->reading = r;
26 }
27
28 int ToeflScore::getListening() const
29 {
30     return this->listening;
31 }
32
33 void ToeflScore::setListening(int l)
34 {
35     this->listening = l;
36 }
37
38 int ToeflScore::getSpeaking() const
39 {
40     return this->speaking;
41 }
42
43 void ToeflScore::setSpeaking(int s)
44 {
45     this->speaking = s;
46 }
47
48 int ToeflScore::getWriting() const
49 {
50     return this->writing;
51 }
52
53 void ToeflScore::setWriting(int w)
54 {
55     this->writing = w;
56 }
57
58 int ToeflScore::getTotalScore() const
59 {
60     int total = 0;
61     total += this->reading;
62     total += this->listening;
63     total += this->speaking;
64     total += this->writing;
65     return total;
66 }
67
68 // default constructor, initialize ints/floats to 0.0
69 ToeflScore::ToeflScore()

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```
70 {  
71     this->setReading(0);  
72     this->setListening(0);  
73     this->setSpeaking(0);  
74     this->setWriting(0);  
75 }  
76
```