

```

1  /*
2  *   - toeflscore.hpp -
3  *   ENSC 251 - Lab Assignment 2
4  *   May 31, 2019
5  *   Judd Foster
6  *   301377893
7  */
8
9  // multiple inclusion prevention
10 #ifndef TOEFLSCORE_HPP
11 #define TOEFLSCORE_HPP
12
13 #include <iostream>
14 #include <string>
15
16 using namespace std;
17
18 // this class holds the reading, writing, speaking, etc. values for the
19 // InternationalStudent class, it makes it more organized
20 class ToeflScore
21 {
22 public:
23     // declare the get and set functions as public so that the main program can
24     // access them
25     int getReading() const;
26     void setReading(int r);
27     int getListening() const;
28     void setListening(int l);
29     int getSpeaking() const;
30     void setSpeaking(int s);
31     int getWriting() const;
32     void setWriting(int w);
33     int getTotalScore() const;
34     // create a constructor
35     ToeflScore();
36
37 private:
38     // declare the actual variables as private so that the main program can't
39     // access them and overwrite by accident
40     int reading;
41     int listening;
42     int speaking;
43     int writing;
44 };
45
46 #endif
47

```