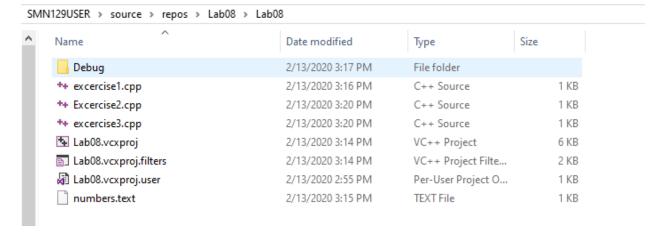
Directory of numbers.txt



Output of exercise 1 part 2

Total score is 180

```
//File name: lab08.cpp
//Programmer: McFarlane, Duncan
//Date: 2/13/2020
//Purposes,
// program 1: Output major and year based on input codes
#include <iostream>
#include <string>
using namespace std;
int main()
       string inputval = "";
       string major = "";
       string year = "";
       int valid = 0;
       cout << "Enter two characters: ";</pre>
       cin >> inputval;
       switch (inputval.at(0))
              case 'M':
                     major = "Mathematics";
                     break;
              case 'C':
                     major = "Computer Science";
              case 'I':
                     major = "Information Technology";
                     break;
              default:
```

```
valid = 1;
       switch (inputval.at(1))
       case '1':
               year = "Freshman";
               break;
       case '2':
               year = "Sophmore";
               break;
       case '3':
               year = "Junior";
               break;
       case '4':
               year = "Senior";
               break;
       default:
               valid = 2;
       }
       if (valid == 0)
               cout << major << " " << year;</pre>
       else if (valid == 1)
               cout << "Invalid major code";</pre>
       else if (valid == 2)
               cout << "Invalid status code";</pre>
       cout << endl;</pre>
       return 0;
}
```

Enter two characters: M1 Mathematics Freshman

Enter two characters: C3 Computer Science Junior

Enter two characters: T3 Invalid major code

Enter two characters: M7 Invalid status code