

Problem 1

(a) `atoi()` accepts a C-style string, and tries to convert it to a number. If it fails, it causes undefined behavior.

(b) This member function returns a pointer to a C-style string which equals to the value of this string object.

(c)

```
#include<iostream>
#include<fstream>
#include<cstdlib>
using namespace std;

int main() {
    ifstream f;
    string s;
    int num, max = 0;
    f.open("test.txt");
    while(getline(f, s)) { num = atoi(s.c_str())
        if(num > max)
            max = num;
    }
}
```

The maximum score is then stored in the variable `max`.