CSC2111 Computer Science I Lab

Lab 19

Objectives

1. Create an exception sub-class

Example 1

```cpp
1   #include <iostream>
2   #include <string>
3   using namespace std;
4
5   class myExceptionClass
6   {
7   public:
8       myExceptionClass(string m = "Initialized!") : msg(m) {};
9       string what() { return msg; }
10  private:
11      string msg;
12  };
13
14  int main()
15  {
16      try{
17          myExceptionClass mc;
18          throw mc;
19      }
20      catch (myExceptionClass mc){
21          cout << "Something happended: " << mc.what() << endl;
22      }
23  }
```

```
C:\WINDOWS\system32\cmd.exe

Something happended: Initialized!
Press any key to continue . . .
```