

# CSC2111 Computer Science I Lab

## Lab 18

# Objectives

1. Handling exceptions within a program
2. Use try/catch block

# Example 1

```
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int x;
7      cout << "Enter a positive value of x = ";
8      cin >> x;
9
10     try {
11         cout << "Inside try \n";
12         if (x < 0)
13         {
14             throw x;
15             cout << "After throw (Never executed) \n";
16         }
17     }
18     catch (int x) {
19         cout << "Exception caught \n";
20     }
21
22     cout << "Executed after catch \n";
23     return 0;
24 }
```

 C:\WINDOWS\system32\cmd.exe

```
Enter a postive value of x = -5
Inside try
Exception caught
Executed after catch
Press any key to continue . . .
```