Programming Mathematics

# Lab 01

## Set up shared DropBox folder: 2% (End of Lab)

1. Install Dropbox on your computer
   * Start->Search -> DropBox
   * If you do not have a DropBox account linked to your college email, create a new one
   * Once setup, create a Folder Called Surname Firstname PM

Eg Sheehy Robert PM

* + "Share this folder" with robert.sheehy@ittralee.ie
  + **ALL LABWORK AND ASSIGNMENTS TO BE DONE IN THIS FOLDER**
  + Use appropriate folder structure etc...

1. Copy this document to a folder entitled Week 1
2. Integral Types
   * Using a Java/C#, and loops or other iterative structures to complete the following table

|  |  |  |  |
| --- | --- | --- | --- |
| Programming Language Chosen | | |  |
|  | Min Value | Max Value | Estimate time to loop entire range |
| byte | -128 | 127 |  |
| short | -32768 | 32767 |  |
| int | -2147483648 | 2147483647 |  |
| long | -9223372036854775808 | 9223372036854775807 |  |

1. Larger integral numbers
   * Long, float, int, short, byte