

ALL THESE FILES SHOULD BE IN THE SAME FILE/DIRECTORY

- MonteCarlo_MultiLayer.cpp (Main Simulation File)
- Photon.h (Photon Class Header File)
- CurrentTissueMedia.h (Tissue Media Header File)
- Gardener_Inputs.csv (Tissue Layer Data Input File)

Copy the **FILE_DIRECTORY_PATH** in the Windows Explorer, then type this in the terminal...

```
cd FILE_DIRECTORY_PATH
```

Example: cd C:\Users\Downloads\C++MonteCarlo

2. run `g++ -o MonteCarloSimulation MonteCarlo_MultiLayer.cpp -std=c++11 -lm` in the terminal
3. After you compile the code run `./MonteCarloSimulation`
4. The program is gonna make a results file named `simulation_results.csv`.

Contents

- PhotonID
- TotalPathlength
- Layer1 Pathlength, Layer2 Pathlength, ...
- PhotonWeight