

Lab8 Assignment – Event Driven Simulation

Problem : This assignment is an application of Priority Queues to implement event-driven simulation. This is taken from <https://algs4.cs.princeton.edu/61event/> where a detailed description of the problem can be found.

This folder contains all the files necessary to build the simulator. There are some missing pieces of code in the file CollisionSystem.java , given as blank lines of code (_____) in that file. Understand the system and fill those lines of code. You can compile and execute your files using

```
javac CollisionSystem.java  
java CollisionSystem 200
```

The last line will simulate the system for 200 particles.