

```
1  #ifndef MONTECARLO_H
2  #define MONTECARLO_H
3
4  /*****
5  Author: Jose Eduardo Morales
6  MonteCarlo.h
7  Date: march 22, 2023
8  *****/
9
10 #include "graph.h"
11
12 class MonteCarlo{
13     public:
14         MonteCarlo(); //constructor creates random seed
15         Graph randomGraph(int edges, float density, int maxDistance);
16         //void shortestPath();
17 };
18
19 #endif
```