```cpp
class Random {
private:
  mt19937 *mt;
  uniform_int_distribution<> *distr;
public:
  // uniform int distribution of [0, m)
  Random(int m) {
    mt = new mt19937(unsigned(time(NULL)));
    distr = new uniform_int_distribution<>(0, m - 1);
  }
  int get() {
    return (*distr)(*mt);
  }
};
```