```cpp
class Warshallfloyd {
private:
  int n;
  bool negative_cycle;
  vvll table;
public:
  Warshallfloyd(const vvi &lst, const vvll &cst) {
    n = lst.size();
    table = vvll(n, vll(n, LLONG_MAX));
    Loop(i, n) {
      Loop(j, lst[i].size()) {
        table[i][lst[i][j]] = cst[i][j];
      }
    }
    Loop(i, n) table[i][i] = 0;
    Loop(k, n) {
      Loop(i, n) {
        Loop(j, n) {
          if (table[i][k] == LLONG_MAX || table[k][j] == LLONG_MAX) continue;
          table[i][j] = min(table[i][j], table[i][k] + table[k][j]);
        }
      }
    }
    Loop(i, n) {
      if (table[i][i] < 0) {
        negative_cycle = true;
        return;
      }
    }
    negative_cycle = false;
    return;
  }
  vvll get_table() {
    return table;
  }
  bool is_negative_cycle() {
    return negative_cycle;
  }
};
```