Main

Public static void main
. . .

FloydAlgorithm

+ FloydAlgorithm ( ) :
    Constructor

+ FloydAlgorithm (Long [ ][ ] Matrix,
ArrayList < String > city, String
origin, String destiny) :
    String

+ road Distance (int i, int k,
string [ ][ ] secondary Path,
string routeDistance) :
    String .

+ generate Matrix (ArrayList < String >
cities, ArrayList < Cities > path)
    : long [ ][ ] .

+ verify (String origin, String
destiny, ArrayList < String >
cities) : boolean .

+ showMatrix (long [ ][ ] matrix)
    : String .

+ graph Center (long [ ][ ]
matrix) : int .

Cities

- origin : String
- destiny : String
- distance : Int

+ Cities ( ) : Constructor
+ Cities (String origin, String
destiny, Int distance) : Cities
+ get Origin : String
+ set Origin : void
+ get Destiny : String
+ set Destiny : void
+ get Distance : String
+ set Distance : void
+ to String : String
+ create Array (ArrayList
   < Cities > path) : ArrayList