

NAME

main

DESCRIPTION

This module is the 'main': it's the one that draws a GUI and generates routes to improve

FUNCTIONS

generateRoute(file, num)

:param file: file used to generate a route

:param num: amount of routes to generate

:type file: JSON-file

:type num: integer

:return: returns the shortest route out of all generated routes

:rtype: Route

readPoints(file)

:param file: file used to generate a Route

:type file: JSON-file

:return: new route

:rtype: Route

shortestRoute(currRoutes)

:param currRoutes: current routes

:type currRoutes: list containing several instances of Route

:return: smallest route is returned

:rtype: Route