

project 2-ReadMe:

In this project we are engaged in collecting geographic information, producing insights From this information and display the information in graphical tools.

In this project, we will begin to develop an infrastructure for the representation of geographic information. In particular, we will write the following packages:

Geom: A package of geometry that includes points, lines, paths, .circles, squares, etc.

Coords: A package that enables conversion of coordinates from .global coordinates to localization and repetition.

Gis: Geographic - geometric information, divided into layers, .including reference to time, place of text, color, etc.

Algorithms: general algorithms such as: selection within rectangle, selection of distance, displacement, duplication, deletion, conversion of coordinates.

This package includes a class called csvMulti that accepts a folder path and reads any CSV file under that folder.

formats File: A package that allows saving and restoring geographic information, text formatting, JSON, and KML.

This package includes three departments:

A class that reads the data from the scv file,

A class that creates a kml with data it receives,

And a department that operates all functions of reading and .writing

JUnit: 1.testMyCoords.

Links to Calculate Azimuth, Distance, Elevation:

1.<https://www.omnicalculator.com/other/azimuth>

2.cosinekitty.com/compass.html