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# Problem 1

## I build vertices map

Vertices named with three digits such as 101,102 represent the intersections. There are 16 buildings and 5 intersections.

图表, 散点图, 气泡图

描述已自动生成

## II read vertices from the file

Initialize a two-dimension array named graph to sort the data. Graph[v1][v2] represents the weight of edge from v1 to v2. If there is no edges between v1 and v2, the weight should be inf.

All the vertices in the edges will be sorted in an array, and the index of the array will be used to search.

## II find the path

From 26 to 40, the result is

文本

描述已自动生成

图片包含 人

描述已自动生成

地图

描述已自动生成

From 35 to 53, the result is

文本

描述已自动生成

图片包含 项链, 装饰品

描述已自动生成

地图

描述已自动生成