



Freezing Man App

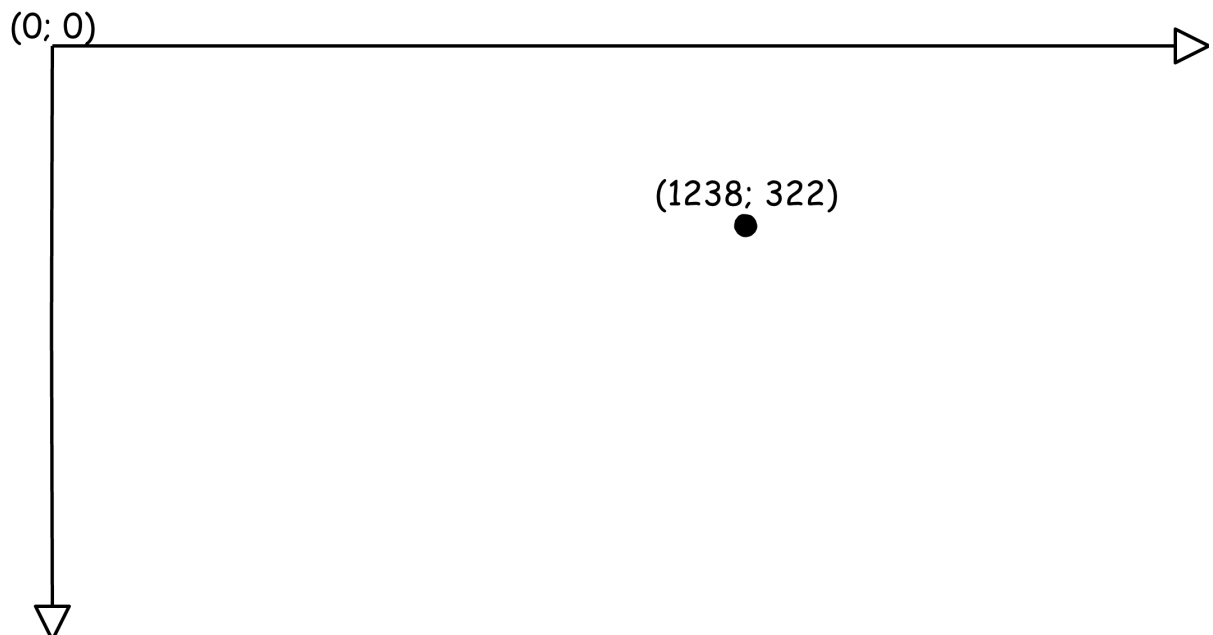
Introduction

You need to develop an application for the organizers of the Freezing Man festival, which takes place annually in the cold desert and attracts a huge number of visitors. Visitors can team up and set up their own themed camps in locations approved by the Organizer. Visitors can take part in the creation of several camps at once (perhaps they will also play different roles), respectively, they can be in several teams at the same time. As part of such events, the Organizers need to be able to set up camps throughout the Festival site.

They also need to regularly monitor the technical and external conditions of each camp within the framework of the Festival. For this reason, Quality Managers should check whether a specific set of parameters is being followed and make notes (yes or no) in the log. For some types of camps, there may be a designated officer in charge.

In order for you to better understand the requirements, the Customer provided us with some important keywords:

The territory of the Festival is a rectangular area in a cold desert. For convenience, the Organizers use not geographic coordinates, but a coordinate plane with X [0; 2000] and Y [0; 1000]. The application uses pixels to display the dimensions of the area. The starting point is the upper left corner, as shown in the figure below.



An object is a specific camp on the map, which contains the following data:

- name,
- location (centre of the camp) within the territory of the Festival,
- main image,

- camp type (entertainment, creativity, recreation, training (master classes), sports, food),
- camp status (open, closed, maintenance, problem),
- description of the camp,
- start and end of working hours.