Integrantes del equipo:
Jaimes Parra Natalia
Pacheco Rodríguez Alexa
Rosetti Zaldívar Gabriella
Salón: 506
Profesor: Eduardo Serna
Fecha de entrega: 25 de noviembre de 2022

OUR FINAL PROJECT

Our project consists of resolving a labyrinth, at the beginning of our code we mention the instructions, and a little introduction. After that, we put the terms, like “coordinateX, coordinateY” ; those are our matrices. During our code we made a representation of the labyrinth, using 'X' in the spaces that are blocked, representing a wall, or just the ' ' in those spaces that are free to go in order to reach the finish line and end it. The “E” represents the start of the route and the “S” the ending of the route. After our labyrinth representations we put some of the ways you could do it, for example, row or columns and what would happen in case you go step by step. We also mention all the possibilities, for example, if you cross coordinateY - 1 and coordinate X you will move along one column, we did that for each column, putting either “true” or “false”. At the end we mention what will happen in case you reach the finish line, moving along all necessary columns and rows, for example, “print (you have reached the finish line).
The purpose of this was to keep your brain working and trying to find the way to get to the finish line by many ways in a code, finally we want to say that we did this in “python” language, so all the instructions can be clear.

Representation:

```
lab = [['x', 'x', 'x', 'x', 'x']
       ['x', ' ', ' ', ' ', 'S', 'x'],
       ['x', ' ', 'x', 'x', ' ', 'x'],
       ['x', ' ', 'x', 'x', ' ', 'x'],
       ['x', ' ', 'x', 'x', ' ', 'x'],
       ['x', ' ', 'x', ' ', ' ', 'x'],
       ['x', ' ', 'x', ' ', 'x', 'x'],
       ['x', ' ', ' ', 'E', ' ', 'x'],
       ['x', 'x', 'x', 'x', 'x', 'x']]
```