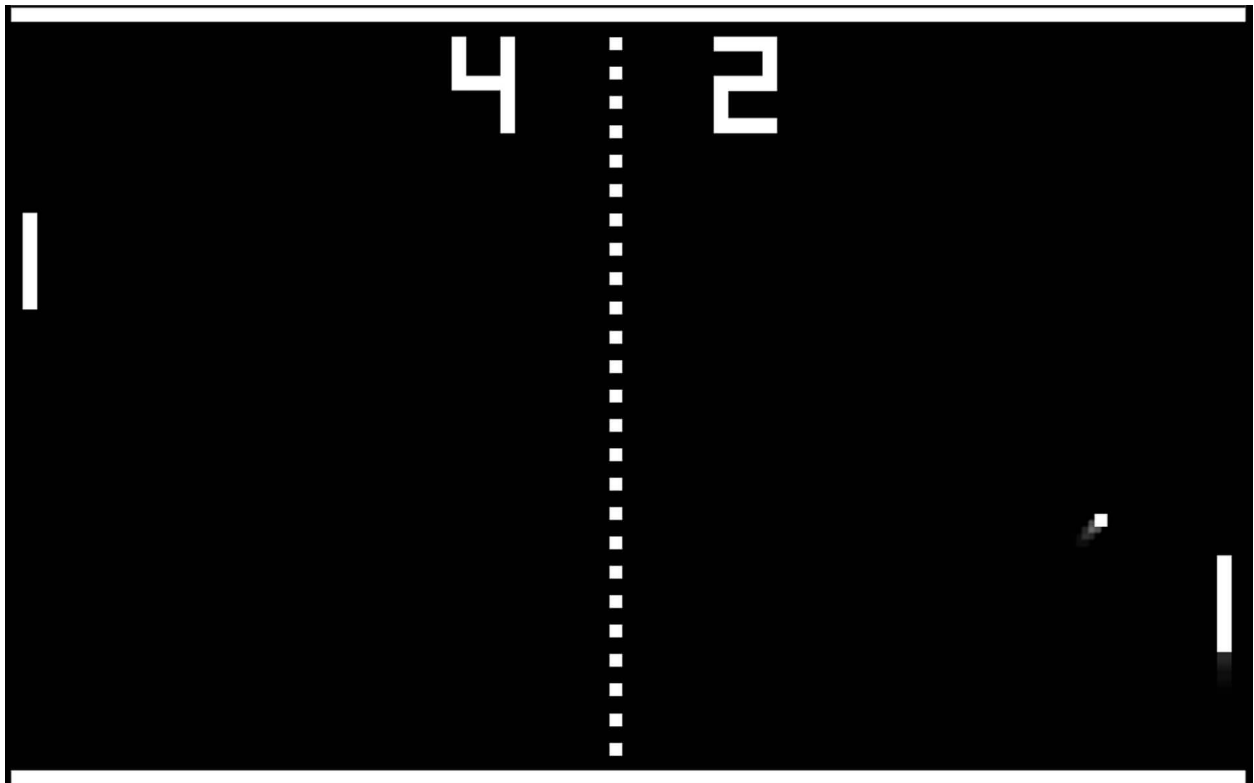# Pong Game:

A pong game is a table tennis based game and the goal is to repeatedly bounce a ball off your paddle until the other player fails to hit it.

You must have seen or played this game before. Here is a reference link but do not copy the code directly. https://codepen.io/gdube/pen/JybxxZ

You have to create a similar game. The requirements are as follows:
- Create a basic pong game using **JavaScript** where you can play with a computer.
- First to reach 5 points should win.
- Create different levels with increasing difficulty, like increasing ball speed, paddle becoming smaller, etc. (Think of your own ideas)
- Add different obstacles in between the arena which deflect the ball at a new angle.
- Add moving obstacles which change the path of the ball.
- Allow online multiplayer using Firebase.
- Leaderboard

Do not copy paste code available online. Take inspiration from that code and implement it in your way. Also, we will be asking you to explain certain lines of code that were written and if you just copy it from the internet you may not be able to explain it.