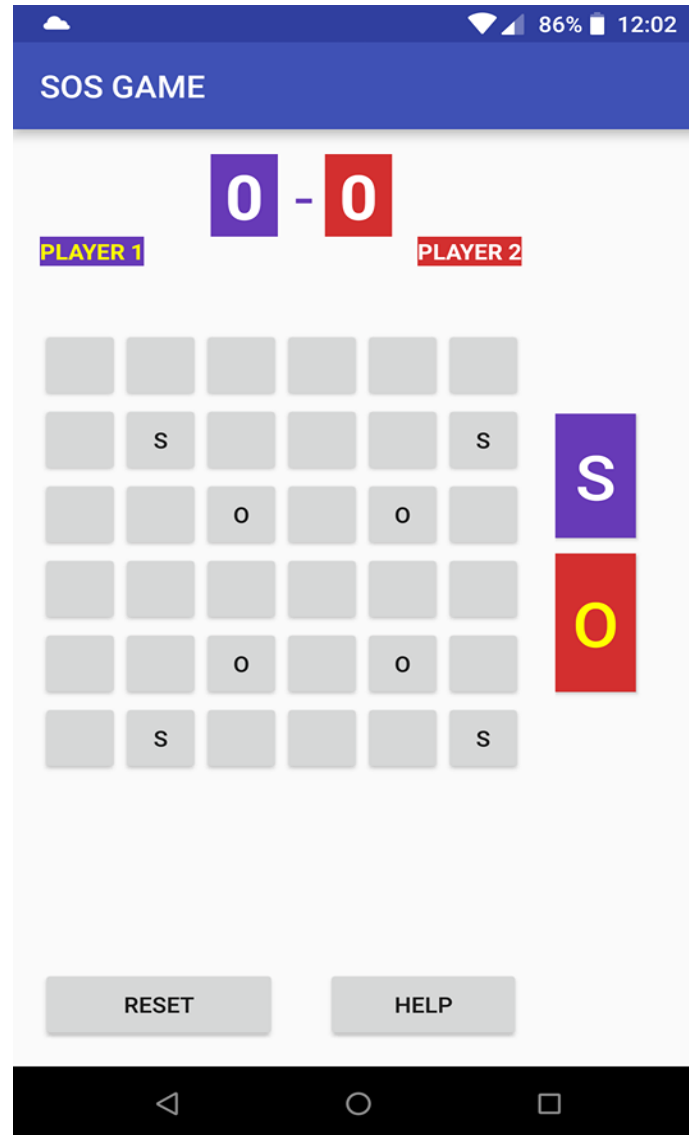# THE SOS GAME

# WHAT IS THE SOS GAME ?
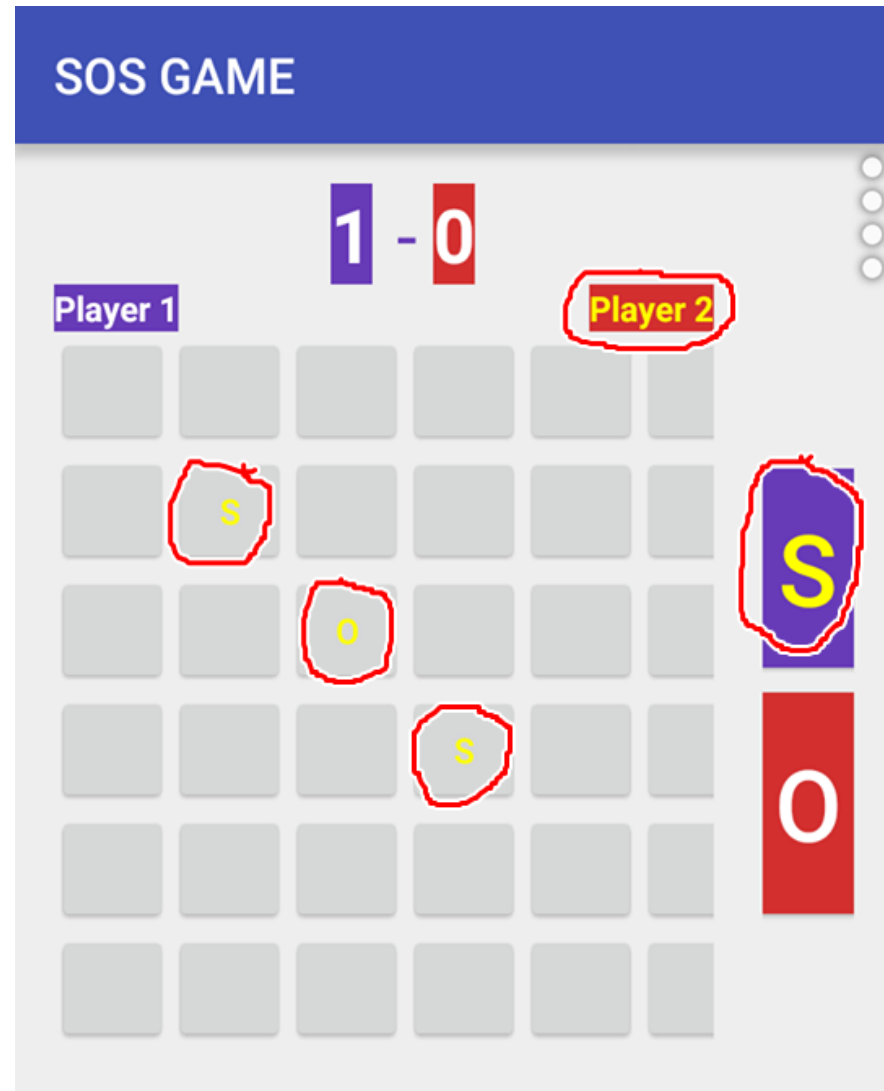**SOS** is a two player **game** played in a 2D grid e.g. 6x6. The rules are very simple:

1)The players have the option to put either S or O at an empty square.
2)If a player makes an **SOS** sequence either in (horizontal, vertical or diagonal),the player gets one point. If you can match SOS in **n** ways in one turn, the player gets n points.(eg. like both diagonal and vertical, the player gets **2** points and so on.)
3)The player which will make the most **SOS** sequences wins.
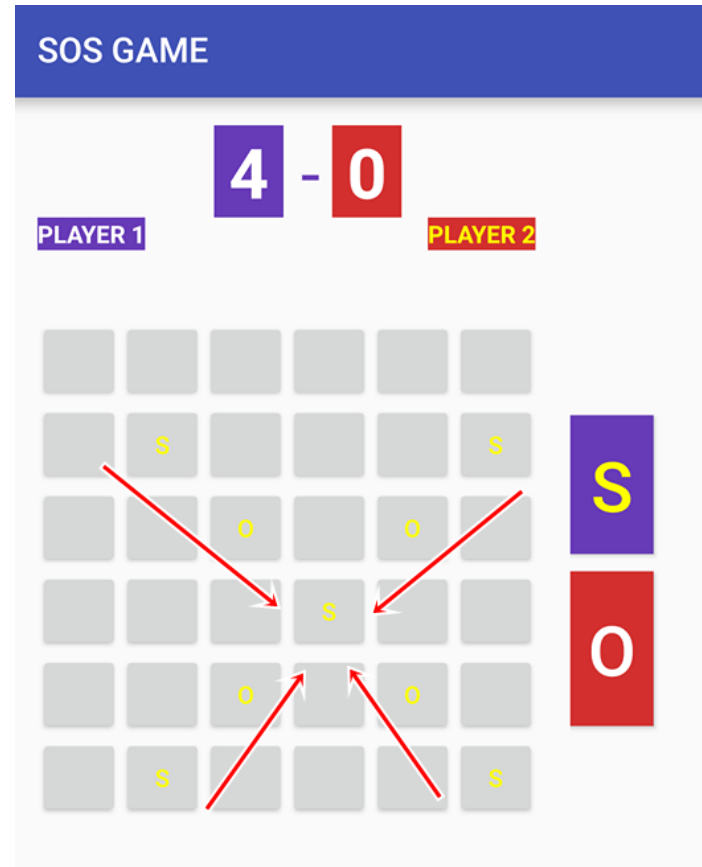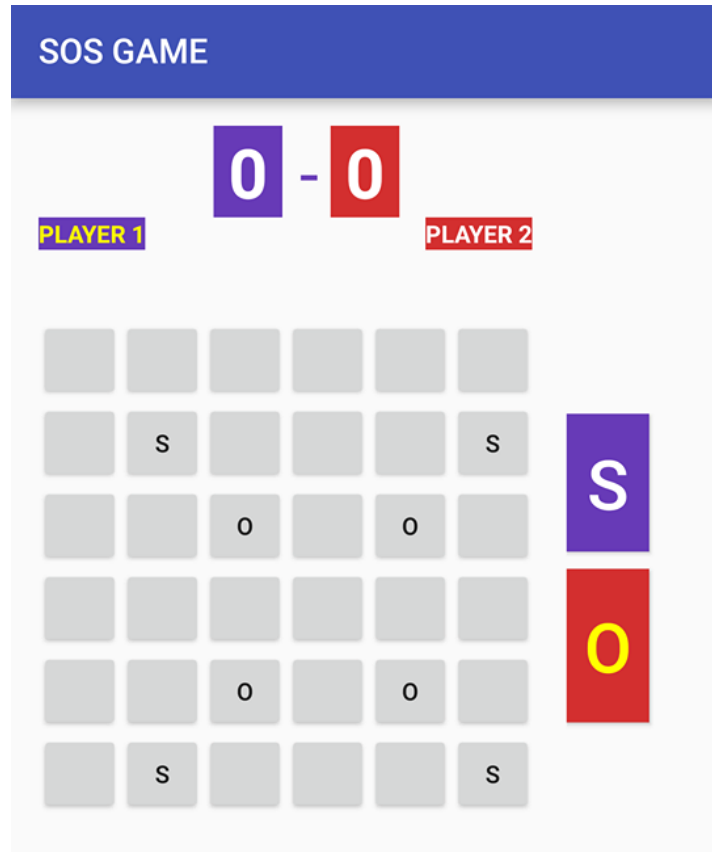
# THIS IS OUR APP !

# HOW THE GAME WORKS IN THE APP:

➢ Player 1 is purple and Player 2 is red.

➢ The purple square keeps record of the score of Player 1 and the red square for player 2.

➢ When the Player ICON is highlighted YELLOW, it's your TURN.

➢ When you press the button S or O, it will be highlighted yellow, so that the user knows which character is selected in progress.

# *The n points rule :



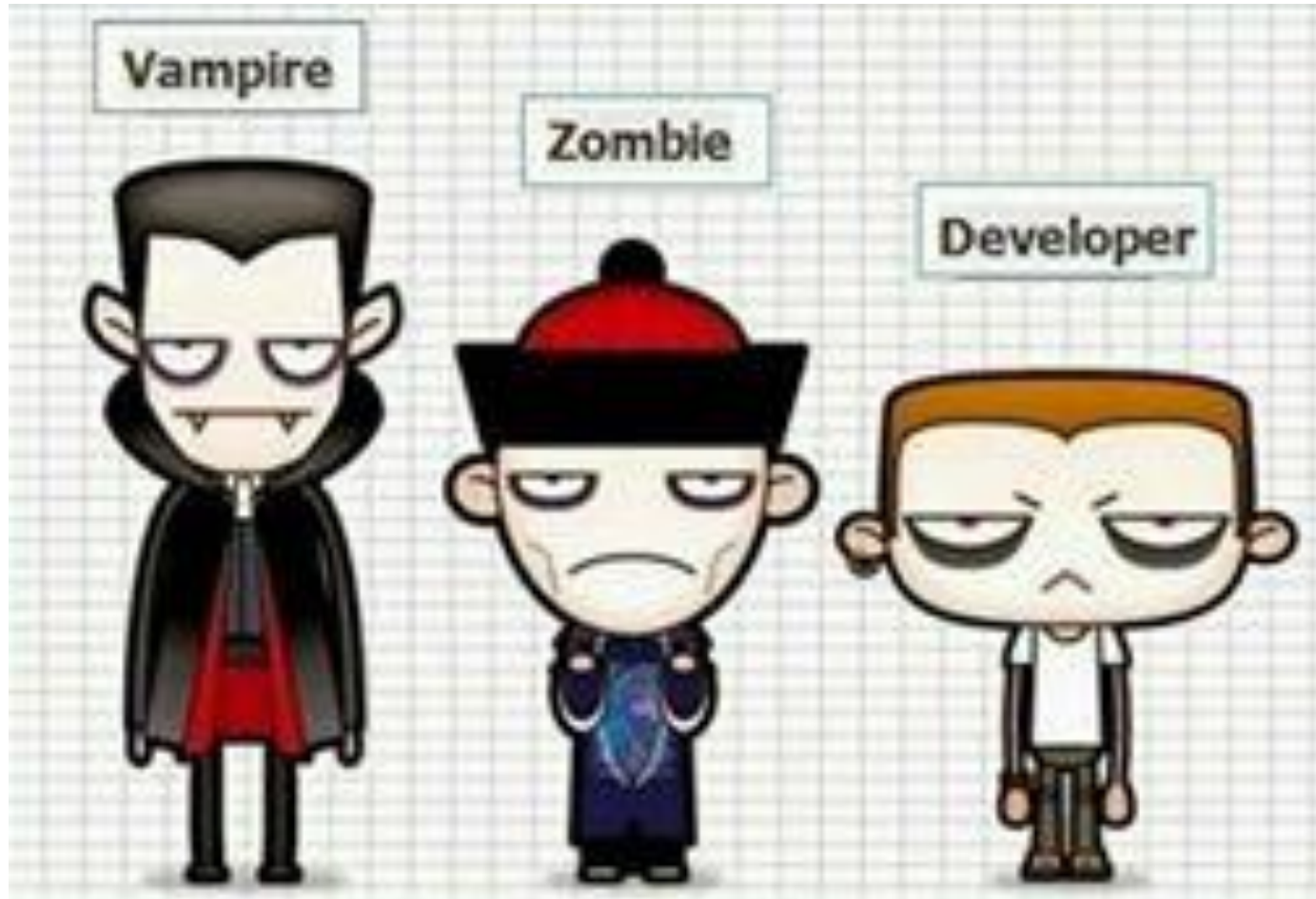Notice that sequences that are not SOS remains black color.

SO LET'S DEMONSTRATE **SOS** REALLY QUICKLY !

WHY **SOS** ?

# CAN YOU GUESS

how many lines of code we had to write to make the game ?

# THANK YOU !