TIC TAC TOE – DOWN THE MEMORY LANE 01

That was such a good time we used to play a lot of games in our childhood, i was just going through some of my old books, my rough note book would look like this when you scan it from back. I guess most of you are getting these nostalgic memories on seeing this, this is the famous game called tic tac toe which we all used to play in our childhood we love playing it such a enjoyable it's such a good memories we are re living it this feels so great so in this lecture series i would take you down your memory lane you all shall re live your childhood days, the fun way through computing. That were good old memories we all had almost played this game in our childhood for those who want to re live those memorable days i would start with the rules of the game, the game is something like this, there is a three cross three board which is nothing but board containing three rows and three columns that is a total of nine cells. There are two players who are involved in this game each player is given a symbol, one is given a symbol X, one is given a symbol O they are suppose to alternate their turns, during their turns the player is expected to occupy a vacant slot in the board, when they alternate their turns the one who is able to occupy three slots such that the three slots come in one single row or the three single slots come in one single column or they occur along this diagonal or this diagonal or one of the diagonal, the one who is able to do this first is considered the winner, this is how the game goes if no one is able to occupy their positions in such a manner then it is declare a draw no one wins, this is how the game goes, i hope most of you had gone back to your childhood days, if you would observe the rules of the game this is much more than you playing established your victory. This is much more than that the planning the thinking involved requires a lot of envision ability you need to envision what would be your move as well as what would be the move your opponent make given his next turn, you have to envision both, you would play such that, you increase your chances you maximise your chances of winning as well as the you minimise the chances that your opponent wins this is how the intelligent player would play this game, so when both players play intelligently the game would mostly be a draw. This particular strategy where you want to maximise the chances of your winning and minimise the chances of opponents winning is called the min max strategy this is min max strategy which is a very famous game strategy and all such min max games are too thrilling and given that this joy of computing course we would now see how we shall play this game in the fun way using computers.