#include<stdio.h>

#include<conio.h>

int box[10]={'\0','\0','\0','\0','\0','\0','\0','\0','\0','\0'},turn=0;

char game\_check()

{

char won='\0';

if(box[1]=='X'&&box[2]=='X'&&box[3]=='X')

{

won='X';

return won;

}

else if(box[4]=='X'&&box[5]=='X'&&box[6]=='X')

{

won='X';

return won;

}

else if(box[7]=='X'&&box[8]=='X'&&box[9]=='X')

{

won='X';

return won;

}

else if(box[1]=='X'&&box[5]=='X'&&box[9]=='X')

{

won='X';

return won;

}

else if(box[3]=='X'&&box[5]=='X'&&box[7]=='X')

{

won='X';

return won;

}

else if(box[3]=='X'&&box[6]=='X'&&box[9]=='X')

{

won='X';

return won;

}

else if(box[2]=='X'&&box[5]=='X'&&box[8]=='X')

{

won='X';

return won;

}

else if(box[1]=='X'&&box[4]=='X'&&box[7]=='X')

{

won='X';

return won;

}

else if(box[1]=='O'&&box[2]=='O'&&box[3]=='O')

{

won='O';

return won;

}

else if(box[4]=='O'&&box[5]=='O'&&box[6]=='O')

{

won='O';

return won;

}

else if(box[7]=='O'&&box[8]=='O'&&box[9]=='O')

{

won='O';

return won;

}

else if(box[1]=='O'&&box[5]=='O'&&box[9]=='O')

{

won='O';

return won;

}

else if(box[3]=='O'&&box[5]=='O'&&box[7]=='O')

{

won='O';

return won;

}

else if(box[3]=='O'&&box[6]=='O'&&box[9]=='O')

{

won='O';

return won;

}

else if(box[2]=='O'&&box[5]=='O'&&box[8]=='O')

{

won='O';

return won;

}

else if(box[1]=='O'&&box[4]=='O'&&box[7]=='O')

{

won='O';

return won;

}

else

{return won;}

}

void draw\_box()

{

system("cls");

printf("\n\n\t\t\t %c | %c | %c\n",box[1],box[2],box[3]);

printf("\t\t\t -----+-------+------\n");

printf("\t\t\t %c | %c | %c\n",box[4],box[5],box[6]);

printf("\t\t\t -----+-------+------\n");

printf("\t\t\t %c | %c | %c\n",box[7],box[8],box[9]);

}

void computer\_turn()

{

if(box[1]=='O'&&box[2]=='O'&&box[3]=='\0'){box[3]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='\0'&&box[3]=='O'){box[2]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='O'&&box[3]=='O'){box[1]='O';turn++;return ;}

else if(box[4]=='O'&&box[5]=='O'&&box[6]=='\0'){box[6]='O';turn++;return ;}

else if(box[4]=='O'&&box[5]=='\0'&&box[6]=='O'){box[5]='O';turn++;return ;}

else if(box[4]=='\0'&&box[5]=='O'&&box[6]=='O'){box[4]='O';turn++;return ;}

else if(box[7]=='\0'&&box[8]=='O'&&box[9]=='O'){box[7]='O';turn++;return ;}

else if(box[7]=='O'&&box[8]=='\0'&&box[9]=='O'){box[8]='O';turn++;return ;}

else if(box[7]=='O'&&box[8]=='O'&&box[9]=='\0'){box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[5]=='O'&&box[9]=='O'){box[1]='O';turn++;return ;}

else if(box[1]=='O'&&box[5]=='\0'&&box[9]=='O'){box[5]='O';turn++;return ;}

else if(box[1]=='O'&&box[5]=='O'&&box[9]=='\0'){box[9]='O';turn++;return ;}

else if(box[3]=='O'&&box[5]=='O'&&box[7]=='\0'){box[7]='O';turn++;return ;}

else if(box[3]=='O'&&box[5]=='\0'&&box[7]=='O'){box[5]='O';turn++;return ;}

else if(box[3]=='\0'&&box[5]=='O'&&box[7]=='O'){box[3]='O';turn++;return ;}

else if(box[1]=='O'&&box[4]=='O'&&box[7]=='\0'){box[7]='O';turn++;return ;}

else if(box[1]=='O'&&box[4]=='\0'&&box[7]=='O'){box[4]='O';turn++;return ;}

else if(box[1]=='\0'&&box[4]=='O'&&box[7]=='O'){box[1]='O';turn++;return ;}

else if(box[2]=='O'&&box[5]=='O'&&box[8]=='\0'){box[8]='O';turn++;return ;}

else if(box[2]=='O'&&box[5]=='\0'&&box[8]=='O'){box[5]='O';turn++;return ;}

else if(box[2]=='\0'&&box[5]=='O'&&box[8]=='O'){box[2]='O';turn++;return ;}

else if(box[3]=='O'&&box[6]=='O'&&box[9]=='\0'){box[9]='O';turn++;return ;}

else if(box[3]=='O'&&box[6]=='\0'&&box[9]=='O'){box[6]='O';turn++;return ;}

else if(box[3]=='\0'&&box[6]=='O'&&box[9]=='O'){box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='X'&&box[3]=='\0'){box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='X'){box[2]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='X'){box[1]='O';turn++;return ;}

else if(box[4]=='X'&&box[5]=='X'&&box[6]=='\0'){box[6]='O';turn++;return ;}

else if(box[4]=='X'&&box[5]=='\0'&&box[6]=='X'){box[5]='O';turn++;return ;}

else if(box[4]=='\0'&&box[5]=='X'&&box[6]=='X'){box[4]='O';turn++;return ;}

else if(box[7]=='\0'&&box[8]=='X'&&box[9]=='X'){box[7]='O';turn++;return ;}

else if(box[7]=='X'&&box[8]=='\0'&&box[9]=='X'){box[8]='O';turn++;return ;}

else if(box[7]=='X'&&box[8]=='X'&&box[9]=='\0'){box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[5]=='X'&&box[9]=='X'){box[1]='O';turn++;return ;}

else if(box[1]=='X'&&box[5]=='\0'&&box[9]=='X'){box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[5]=='X'&&box[9]=='\0'){box[9]='O';turn++;return ;}

else if(box[3]=='X'&&box[5]=='X'&&box[7]=='\0'){box[7]='O';turn++;return ;}

else if(box[3]=='X'&&box[5]=='\0'&&box[7]=='X'){box[5]='O';turn++;return ;}

else if(box[3]=='\0'&&box[5]=='X'&&box[7]=='X'){box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[4]=='X'&&box[7]=='\0'){box[7]='O';turn++;return ;}

else if(box[1]=='X'&&box[4]=='\0'&&box[7]=='X'){box[4]='O';turn++;return ;}

else if(box[1]=='\0'&&box[4]=='X'&&box[7]=='X'){box[1]='O';turn++;return ;}

else if(box[2]=='X'&&box[5]=='X'&&box[8]=='\0'){box[8]='O';turn++;return ;}

else if(box[2]=='X'&&box[5]=='\0'&&box[8]=='X'){box[5]='O';turn++;return ;}

else if(box[2]=='\0'&&box[5]=='X'&&box[8]=='X'){box[2]='O';turn++;return ;}

else if(box[3]=='X'&&box[6]=='X'&&box[9]=='\0'){box[9]='O';turn++;return ;}

else if(box[3]=='X'&&box[6]=='\0'&&box[9]=='X'){box[6]='O';turn++;return ;}

else if(box[3]=='\0'&&box[6]=='X'&&box[9]=='X'){box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='\0')

{box[7]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='\0')

{box[7]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='\0')

{box[1]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='\0')

{box[3]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='\0')

{box[7]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='X')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='X'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[7]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[2]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[7]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[8]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='X'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='O')

{box[7]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='O')

{box[7]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='X'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[7]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[7]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[2]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[6]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='X'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='O'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='O'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='O'&&box[9]=='O')

{box[2]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='O'&&box[5]=='X'&&box[6]=='X'&&box[7]=='X'&&box[8]=='O'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='X'&&box[3]=='O'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[2]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='O'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='O'&&box[4]=='O'&&box[5]=='X'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[8]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='X'&&box[3]=='O'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='O'&&box[4]=='O'&&box[5]=='X'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[2]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='O'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='X'&&box[9]=='O')

{box[6]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='O')

{box[2]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='X'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='O')

{box[7]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='O')

{box[7]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='X'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='O')

{box[7]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[2]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='X'&&box[7]=='X'&&box[8]=='X'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='X'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='O'&&box[5]=='O'&&box[6]=='X'&&box[7]=='X'&&box[8]=='X'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='X'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[7]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[1]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='O'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='O'&&box[4]=='X'&&box[5]=='O'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[1]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[8]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='O'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='X'&&box[7]=='X'&&box[8]=='O'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[7]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[1]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[8]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='O'&&box[9]=='O')

{box[6]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='X'&&box[7]=='X'&&box[8]=='O'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='O')

{box[3]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='X'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[7]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[2]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[2]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='X'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='\0')

{box[6]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[6]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='X')

{box[6]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[1]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='X'&&box[3]=='X'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[1]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[2]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[2]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='O'&&box[3]=='X'&&box[4]=='X'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[6]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='X'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[4]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[1]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='\0')

{box[1]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='\0')

{box[5]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='X')

{box[6]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[6]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='O'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='O'&&box[6]=='O'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[2]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='O'&&box[7]=='O'&&box[8]=='X'&&box[9]=='X')

{box[2]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='O'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[1]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='X'&&box[3]=='X'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='O'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[5]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='O'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='O'&&box[6]=='O'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[2]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='X'&&box[4]=='X'&&box[5]=='O'&&box[6]=='O'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[1]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='O'&&box[6]=='O'&&box[7]=='O'&&box[8]=='X'&&box[9]=='X')

{box[2]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='x'&&box[6]=='O'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[8]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='O'&&box[3]=='X'&&box[4]=='X'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='X'&&box[6]=='O'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='O'&&box[3]=='X'&&box[4]=='X'&&box[5]=='X'&&box[6]=='O'&&box[7]=='O'&&box[8]=='X'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='X'&&box[6]=='O'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[3]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='\0')

{box[5]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[5]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='O'&&box[6]=='O'&&box[7]=='O'&&box[8]=='X'&&box[9]=='X')

{box[2]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='X'&&box[6]=='O'&&box[7]=='\0'&&box[8]=='O'&&box[9]=='X')

{box[7]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='X'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='O'&&box[9]=='X')

{box[4]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='O'&&box[9]=='X')

{box[7]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='X'&&box[6]=='O'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[8]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='X'&&box[6]=='O'&&box[7]=='\0'&&box[8]=='O'&&box[9]=='X')

{box[3]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='X'&&box[6]=='O'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[2]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='X'&&box[6]=='O'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='X')

{box[3]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='X'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='O'&&box[9]=='X')

{box[4]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='X')

{box[7]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='X'&&box[6]=='O'&&box[7]=='O'&&box[8]=='\0'&&box[9]=='X')

{box[2]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='O')

{box[7]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='O'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='\0')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='X'&&box[3]=='O'&&box[4]=='O'&&box[5]=='O'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='\0')

{box[8]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='\0')

{box[5]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='O'&&box[4]=='O'&&box[5]=='X'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[8]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='O'&&box[4]=='O'&&box[5]=='X'&&box[6]=='X'&&box[7]=='X'&&box[8]=='O'&&box[9]=='\0')

{box[9]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='O'&&box[4]=='O'&&box[5]=='X'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='\0')

{box[1]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='\0')

{box[1]='O';turn++;return ;}

else if(box[1]=='O'&&box[2]=='X'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='\0')

{box[5]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='X'&&box[9]=='\0')

{box[5]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='X')

{box[5]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='O'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='X'&&box[7]=='X'&&box[8]=='O'&&box[9]=='X')

{box[4]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='X'&&box[3]=='O'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='O'&&box[4]=='O'&&box[5]=='X'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[8]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[8]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='O'&&box[5]=='X'&&box[6]=='X'&&box[7]=='X'&&box[8]=='O'&&box[9]=='O')

{box[2]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='O'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='O'&&box[4]=='O'&&box[5]=='X'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[2]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='X'&&box[8]=='\0'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='O'&&box[5]=='O'&&box[6]=='X'&&box[7]=='X'&&box[8]=='X'&&box[9]=='O')

{box[2]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='X'&&box[9]=='O')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='\0')

{box[5]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='O'&&box[3]=='X'&&box[4]=='\0'&&box[5]=='X'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='\0')

{box[1]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='X'&&box[7]=='O'&&box[8]=='X'&&box[9]=='\0')

{box[5]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='\0'&&box[6]=='\0'&&box[7]=='O'&&box[8]=='X'&&box[9]=='X')

{box[5]='O';turn++;return ;}

else if(box[1]=='X'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='X')

{box[6]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='X')

{box[3]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='X'&&box[4]=='X'&&box[5]=='O'&&box[6]=='O'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='X')

{box[2]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='\0'&&box[3]=='\0'&&box[4]=='X'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='\0'&&box[8]=='\0'&&box[9]=='X')

{box[2]='O';turn++;return ;}

else if(box[1]=='\0'&&box[2]=='X'&&box[3]=='\0'&&box[4]=='\0'&&box[5]=='O'&&box[6]=='\0'&&box[7]=='X'&&box[8]=='O'&&box[9]=='X')

{box[6]='O';turn++;return ;}

}

void player1\_turn()

{

int pla1;

PLA:

printf("\n\n\t\t\t player turn :> ");

scanf("%d",&pla1);

if(box[pla1]=='X'||box[pla1]=='O'||pla1>9||pla1<1)

{

printf("\t\t\t invalid number enter number again:");

goto PLA;

}

box[pla1]='X';

turn++;

draw\_box();

return ;

}

void player2\_turn()

{

int pla2;

PLA:

printf("\n\n\t\t\t player 2 turn :> ");

scanf("%d",&pla2);

if(box[pla2]=='O'||box[pla2]=='X'||pla2>9||pla2<1)

{

printf("\t\t\t invalid number enternumber again:");

goto PLA;

}

box[pla2]='O';

turn++;

draw\_box();

}

void player\_computer()

{

char won;

while(turn<10){

draw\_box();

player1\_turn();

won=game\_check();

if(won=='X')

{

printf("\n\n\t\t\t Congrates! You won");

break ;

}

else if (won=='\0'&&turn==10)

{

draw\_box();

printf("\n\n\t\t\t Game is draw...");

break ;

}

computer\_turn();

won=game\_check();

draw\_box();

if(won=='O')

{

printf("\n\n\t\t\t You lose! Computer won");

break ;

}

else if (won=='\0'&&turn==10)

{

draw\_box();

printf("\n\n\t\t\t Game is draw...");

break ;

}

}

}

void player\_to\_player()

{

char won;

while(turn<10){

draw\_box();

player1\_turn();

won=game\_check();

if(won=='X')

{

printf("\n\n\t\t\t Congrates! player 1 won");

break ;

}

else if (won=='\0'&&turn==10)

{

draw\_box();

printf("\n\n\t\t\t Game is draw...");

break ;

}

player2\_turn();

won=game\_check();

draw\_box();

if(won=='O')

{

printf("\n\n\t\t\t Congrates! player 2 won");

break ;

}

else if (won=='\0'&&turn==10)

{

draw\_box();

printf("\n\n\t\t\t Game is draw...");

break ;

}}

}

int game\_menu()

{

int choice;

printf("\n\n");

printf("\t\t\t <::::::::::::::::::::::::::::::>\n");

printf("\t\t\t <::::::> GAME MENU <::::::>\n\n\t\t\t \*\* Choice you want to paly with \*\*\n\n\t\t\t \*\* press 1 : You vs Computer \n\n");

printf("\n\n \t\t\t \*\* press 2 : You vs Others\n\n\n\n \t\t\t \*\* press 3 : For game help\n\n\n\n \t\t\t \*\* press 4 : Exist\n\n");

printf("\t\t\t <::::::::::::::::::::::::::::::>\n\n");

scanf("%d",&choice);

return choice;

}

void ending()

{

system("cls");

printf("\n\n\n\n");

printf("\t\t\t <:::::::::::::::::::::::::>\n");

printf("\t\t\t <::::::> THANK YOU <::::::>\n");

printf("\t\t\t <::::::> FOR <::::::>\n");

printf("\t\t\t <::::::> PLAYING <::::::>\n");

printf("\t\t\t <::::::> GAME <::::::>\n");

printf("\t\t\t <:::::::::::::::::::::::::>\n\n\n\n");

getch();

return ;

}

void game\_help()

{

printf("\n\n\t\t <::::::::::::::::::::::::::::::::::>\n");

printf("\t\t <:::> THIS IS TIC TAC TOE GAME <:::>\n");

printf("\t\t <::::::::::::::::::::::::::::::::::>\n");

printf("\n\n\t\t\t 1 | 2 | 3\n");

printf("\t\t\t -----+-------+------\n");

printf("\t\t\t 4 | 5 | 6\n");

printf("\t\t\t -----+-------+------\n");

printf("\t\t\t 7 | 8 | 9\n");

printf("\n\n\t\t You have to press 1,2,3,4,5,6,7,8,9");

printf("\n\n\t\t and enter key for playing this game.\n\n ");

printf("\t\t <::::::::::::::::::::::::::::::::::>\n");

printf("\t\t <::> THANK YOU FOR TAKING HELP <::>\n");

printf("\t\t <::::::::::::::::::::::::::::::::::>");

getch();

}

void starting()

{

printf("\n\n\n\n");

printf("\t\t\t <::::::::::::::::::::::::::>\n");

printf("\t\t\t <:::::::> WEL COME <:::::::>\n");

printf("\t\t\t <:::::::> TO THE <:::::::>\n");

printf("\t\t\t <:::::::> GAME <:::::::>\n");

printf("\t\t\t <::::::::::::::::::::::::::>");

}

int main()

{

int i,choice,c=1;

char t;

starting();

getch();

XY:

system("cls");

choice=game\_menu();

switch(choice)

{

case 1:

while(c==1)

{

for(i=0;i<10;i++)

{

box[i]='\0';

}

turn=1;

system("cls");

player\_computer();

printf("\n\n\t\t\t Do you want to continue Game: Y/N ?");

t=getche();

if(t=='y'||t=='Y'){c=1;}

else if(t=='n'||t=='N'){c=0;}

else{c=1;}

}

break;

case 2:

while(c==1)

{

for(i=0;i<10;i++)

{

box[i]='\0';

}

turn=1;

draw\_box();

player\_to\_player();

printf("\n\n\t\t\t Do you want to continue Game: Y/N ?");

t=getche();

if(t=='y'||t=='Y'){c=1;}

else if(t=='n'||t=='N'){c=0;}

else{c=1;}

}

break;

case 3:

system("cls");

game\_help();

goto XY;

case 4:

printf("\n");

break;

}

ending();

return 0;

}