#include <iostream>

using namespace std;

char board[3][3]={{1,2,3},{4,5,6},{7,8,9}};

int position;

char x,o;

void displaystructure()

{

board[0][0] = '1';

board[0][1] = '2';

board[0][2] = '3';

board[1][0] = '4';

board[1][1] = '5';

board[1][2] = '6';

board[2][0] = '7';

board[2][1] = '8';

board[2][2] = '9';

cout<<" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

cout<<" TIC TAC TOE PLAY BORAD "<<endl;

cout<<" \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"<<endl;

cout<<" PLAYER NO 1 = X : PLAYER NO 2 = O"<<endl;

cout<<" "<<endl;

cout<<" "<<endl;

cout<<" "<<endl;

cout<<" "<<endl;

cout<<" "<<endl;

cout<<" \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<" || || || ||"<<endl;

cout<<" "<<board[0][0]<<" "<<board[0][1]<<" "<<board[0][2]<<endl;

cout<<" || || || ||"<<endl;

cout<<" \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<" || || || ||"<<endl;

cout<<" "<<board[1][0]<<" "<<board[1][1]<<" "<<board[1][2]<<endl;;

cout<<" || || || ||"<<endl;

cout<<" \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<" || || || ||"<<endl;

cout<<" "<<board[2][0]<<" "<<board[2][1]<<" "<<board[2][2]<<endl;

cout<<" || || || ||"<<endl;

cout<<" \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

system("pause");

players();

}

void players()

{

if()

{

cout<<"ENTER THE POSITION PLAYER NO 1:";

cin>>position;

}

else if()

{

cout<<"ENTER THE POSITION PLAYER NO 2:";

cin>>position;

}

switch(position)

{

case 1:

board[0][0];

break;

case 2:

board[0][1];

break;

case 3:

board[0][2];

break;

case 4:

board[1][0];

break;

case 5:

board[1][1];

break;

case 6:

board[1][2];

break;

case 7:

board[2][0];

break;

case 8:

board[2][1];

break;

case 9:

board[2][2];

break;

default:

cout<<"INVALID POSITION YOU ENTERED"<<endl;

break;

}

displaystructure();

check();

}

bool check()

{

if(board[0][0]==board[0][1] && board[0][1]==board[0][2])

{

}

else if(board[1][0]==board[1][1] && board[1][1]==board[1][2])

{

}

else if(board[2][0]==board[2][1] && board[2][1]==board[2][2])

{

}

else if(board[0][0]==board[1][0] && board[1][0]==board[2][0])

{

}

else if(board[0][1]==board[1][1] && board[1][1]==board[2][1])

{

}

else if(board[0][2]==board[1][2] && board[1][2]==board[2][2])

{

}

else if(board[0][0]==board[1][1] && board[1][1]==board[2][2])

{

}

else if(board[0][2]==board[1][1] && board[1][1]==board[2][0])

{

}

else

{

}

}

int main()

{

while(check())

{

displaystructure();

players();

check();

}

if()

{

cout<<" \* \* \* \* \* \* \* "<<endl;

cout<<" \* \* \* \* \* \* \* "<<endl;

cout<<" \* \* \* \* \* \* \*"<<endl;

cout<<" \* PLAYER NO 1 WINS THE GAME \*"<<endl;

cout<<" \* \* \* \* \* \* \* "<<endl;

cout<<" \* \* \* \* \* \* \*"<<endl;

cout<<" \* \* CONGRAGULATIONS \* \* "<<endl;

cout<<" \* \* \* \* \* \* \* "<<endl;

cout<<" \* \* \* \* \* \* \* "<<endl;

cout<<" \* \* \* \* \* \* \* "<<endl;

}

else if()

{

cout<<" \* \* \* \* \* \* \* "<<endl;

cout<<" \* \* \* \* \* \* \* "<<endl;

cout<<" \* \* \* \* \* \* \*"<<endl;

cout<<" \* PLAYER NO 2 WINS THE GAME \*"<<endl;

cout<<" \* \* \* \* \* \* \* "<<endl;

cout<<" \* \* \* \* \* \* \*"<<endl;

cout<<" \* \* CONGRAGULATIONS \* \* "<<endl;

cout<<" \* \* \* \* \* \* \* "<<endl;

cout<<" \* \* \* \* \* \* \* "<<endl;

cout<<" \* \* \* \* \* \* \* "<<endl;

}

else

{

cout<<" YOUR GAME IS END NO ONE WINS"<<endl;

}

return 0;

}