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#include<iostream>
using namespace std;
char pack[3][3]={{'1','2','3'},{'4','5','6'},{'7','8','9'}};
int win=0,li=0,i=0;
int b(){
system("CLS");
cout<<endl;
cout<<"\b "<<pack[2][0]<<" | "<<pack[2][1]<<" | "<<pack[2][2]<<endl;
cout<<"\b ---+---+---"<<endl;
cout<<"\b "<<pack[1][0]<<" | "<<pack[1][1]<<" | "<<pack[1][2]<<endl;
cout<<"\b ---+---+---"<<endl;
cout<<"\b "<<pack[0][0]<<" | "<<pack[0][1]<<" | "<<pack[0][2]<<endl;
}
int j(){
if((pack[0][0]==pack[1][1] && pack[1][1]==pack[2][2])||
(pack[0][2]==pack[1][1] && pack[1][1]==pack[2][0]))
win = true;
else
for(li=0;li<=2;li++)
if((pack[li][0]==pack[li][1] && pack[li][0]==pack[li][2])||
(pack[0][li]==pack[1][li] && pack[0][li]==pack[2][li]))
win =true;
}
main()
{
int begin=0,l=0,q=0,tab=0,location=0;
do{
cout<<"請玩家 1 先輸入你要下的符號('O'=0,'X'=1):";
cin>>begin;
}while(begin<0 || begin>1);
for(i=0;i<=8 && win==0;i++)
{
do{
b();
if(tab%2!=0)
cout<<"玩家 2 請輸入你要下的位置(1~9):";
else
cout<<"玩家 1 請輸入你要下的位置(1~9):";
}
}
}

```

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        cin>>location;
        l = --location/3;
        q = location%3;
        }while(location<0 || location>9 || pack[l][q]>'9');
if(begin%2!=0)
    pack[l][q]='X';
else
    pack[l][q]='O';
j();
if(win)
    break;
tab++;
begin++;
}
tab=tab%2;
b();
if(win && tab==0)
    cout<<"玩家 1 WIN !";
else if (win && tab==1)
    cout<<"玩家 2 Win !";
else
    cout<<"平手 !";
system("PAUSE");
}
```