#include <stdio.h>

int borad[3][3]={0,0,0,0,0,0,0,0,0};

int main()

{

int i;

int printer();

int scaner(int i);

for(i=0;i<=8;i++)

{

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

printer();

scaner(i);

}

return 0;

}

int printer()

{

int i,j;

for(i=0;i<=2;i++)

{

for(j=0;j<=2;j++)

{

if(borad[i][j]==0)

printf(".\t");

if(borad[i][j]==1)

printf("X\t");

if(borad[i][j]==2)

printf("O\t");\\使用0，1，2存储状态

}

printf("\n\n");

}

return 0;

}

int scaner(int i)

{

int input,layout[2];

scaner:printf("input a number between 1 and 9 inclusive bitte\n");

scanf("%d",&input);

layout[0]=2-input/3;\\计算行数

if(input%3==0)

{

layout[0]++;

layout[1]=2;

}

else layout[1]=input%3-1;

if(borad[layout[0]][layout[1]]==0)

{

if(i%2==0)

borad[layout[0]][layout[1]]=1;

else

borad[layout[0]][layout[1]]=2;

}

else

{

printf("The square ist currently occupied.Choose again bitte.");

goto scaner;\\重新开始输入

}

return 0;

}





