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Directory structure: Number Guessing

1. **Set the lottery number, and using input number to searching it.**

// 9858045.cpp :

#include "stdafx.h"

#include "iostream"

using namespace std;

int \_tmain(int argc, \_TCHAR\* argv[])

{

int lottery[] = {3,7,9,10,12,14};

int a[6],i,ans=0;

do

{

cout<<"請輸入6碼下注："<<endl;

for(int i=0;i<6;i++)

{

cin>>a[i];

while(a[i]<=0||a[i]>42)

{

cout<<"超過範圍，範圍是0-42，請重新下注！"<<endl;

cin>>a[i];

}

}

if(a[0]==a[1]||a[0]==a[2]||a[0]==a[3]||a[0]==a[4]||a[0]==a[5]

||a[1]==a[2]||a[1]==a[3]||a[1]==a[4]||a[1]==a[5]

||a[2]==a[3]||a[2]==a[4]||a[2]==a[5]

||a[3]==a[4]||a[3]==a[5]||a[4]==a[5])

{

cout<<"有重複號碼，請重新下注！"<<endl;

}

}while(a[0]==a[1]||a[0]==a[2]||a[0]==a[3]||a[0]==a[4]||a[0]==a[5]

||a[1]==a[2]||a[1]==a[3]||a[1]==a[4]||a[1]==a[5]

||a[2]==a[3]||a[2]==a[4]||a[2]==a[5]

||a[3]==a[4]||a[3]==a[5]||a[4]==a[5]);

for(int i=0;i<6;i++)

{

if(lottery[i]==a[0]||lottery[i]==a[1]||lottery[i]==a[2]||lottery[i]==a[3]||lottery[i]==a[4]||lottery[i]==a[5])

{

ans++;

}

}

cout<<"你下注號碼為："<<endl<<a[0]<<" "<<a[1]<<" "<<a[2]<<" "<<a[3]<<" "<<a[4]<<" "<<a[5]<<endl;

cout<<"得獎的號碼為："<<endl<<lottery[0]<<" "<<lottery[1]<<" "<<lottery[2]<<" "<<lottery[3]<<" "<<lottery[4]<<" "<<lottery[5]<<endl;

switch(ans)

{

case 1:

cout<<"獲得六獎!"<<endl;

break;

case 2:

cout<<"獲得五獎!"<<endl;

break;

case 3:

cout<<"獲得四獎!"<<endl;

break;

case 4:

cout<<"獲得三獎!"<<endl;

break;

case 5:

cout<<"獲得二獎!"<<endl;

break;

case 6:

cout<<"獲得頭獎!"<<endl;

break;

default:

cout<<"銘謝惠顧!"<<endl;

break;

}

system("pause");

return 0;

}