ID：106501001

Name：顏郁芩

Q1.

#include<iostream>

using namespace std;

int main()

{

int a,b,c,d,e,f,g;

int count=0;

int wrong=0;

cin>>a;

cin>>b;

count++;

//a個數，b是答案

if(b==0)//5 0 5 2 1 0

{

cin>>c;

count++;

if(c!=5)wrong=1;

if(c==5)

{

cin>>d;

count++;

if(d!=2)wrong=1;

cin>>e;

count++;

if(e!=1)wrong=1;

cin>>f;

count++;

if(f!=0)wrong=1;

}

if(a!=5||count>5)wrong=1;

if(wrong==0)cout<<"4 times"<<endl;

}

else if(b==1)//4 1 5 2 1

{

cin>>c;

count++;

if(c!=5)wrong=1;

if(c==5)

{

cin>>d;

count++;

if(d!=2)wrong=1;

cin>>e;

count++;

if(e!=1)wrong=1;

}

if(a!=4||count>4)wrong=1;

if(wrong==0)cout<<"3 times"<<endl;

}

else if(b==2)//3 2 5 2

{

cin>>c;

count++;

if(c!=5)wrong=1;

if(c==5)

{

cin>>d;

count++;

if(d!=2)wrong=1;

}

if(a!=3||count>3)wrong=1;

if(wrong==0)cout<<"2 times"<<endl;

}

else if(b==3)//5 3 5 2 4 3

{

cin>>c;

count++;

if(c!=5)wrong=1;

if(c==5)

{

cin>>d;

count++;

if(d!=2)wrong=1;

cin>>e;

count++;

if(e!=4)wrong=1;

cin>>f;

count++;

if(f!=3)wrong=1;

}

if(a!=5||count>5)wrong=1;

if(wrong==0)cout<<"4 times"<<endl;

}

else if(b==4)//4 4 5 2 4

{

cin>>c;

count++;

if(c!=5)wrong=1;

if(c==5)

{

cin>>d;

count++;

if(d!=2)wrong=1;

cin>>e;

count++;

if(e!=4)wrong=1;

}

if(a!=4||count>4)wrong=1;

if(wrong==0)cout<<"3 times"<<endl;

}

else if(b==5)//2 5 5

{

cin>>c;

count++;

if(c!=5)wrong=1;

if(a!=2||count>2)wrong=1;

if(wrong==0)cout<<"1 time"<<endl;

}

else if(b==6)//5 6 5 8 7 6

{

cin>>c;

count++;

if(c!=5)wrong=1;

if(c==5)

{

cin>>d;

count++;

if(d!=8)wrong=1;

cin>>e;

count++;

if(e!=7)wrong=1;

cin>>f;

count++;

if(f!=6)wrong=1;

}

if(a!=5||count>5)wrong=1;

if(wrong==0)cout<<"4 times"<<endl;

}

else if(b==7)//4 7 5 8 7

{

cin>>c;

count++;

if(c!=5)wrong=1;

if(c==5)

{

cin>>d;

count++;

if(d!=8)wrong=1;

cin>>e;

count++;

if(e!=7)wrong=1;

}

if(a!=4||count>4)wrong=1;

if(wrong==0)cout<<"3 times"<<endl;

}

else if(b==8)//3 8 5 8

{

cin>>c;

count++;

if(c!=5)wrong=1;

if(c==5)

{

cin>>d;

count++;

if(d!=8)wrong=1;

}

if(a!=3||count>3)wrong=1;

if(wrong==0)cout<<"2 times"<<endl;

}

else if(b==9)//5 9 5 8 10 9

{

cin>>c;

count++;

if(c!=5)wrong=1;

if(c==5)

{

cin>>d;

count++;

if(d!=8)wrong=1;

cin>>e;

count++;

if(e!=10)wrong=1;

cin>>f;

count++;

if(f!=9)wrong=1;

}

if(a!=5||count>5)wrong=1;

if(wrong==0)cout<<"4 times"<<endl;

}

else if(b==10)//4 10 5 8 10

{

cin>>c;

count++;

if(c!=5)wrong=1;

if(c==5)

{

cin>>d;

count++;

if(d!=8)wrong=1;

cin>>e;

count++;

if(e!=10)wrong=1;

}

if(a!=4||count>4)wrong=1;

if(wrong==0)cout<<"3 times"<<endl;

}

if(wrong==1)cout<<"false"<<endl;

}

Q2.

分組名單：

106501001顏郁芩

106501501林妤倩

106501502 何芝儀

106501504 徐士雅

106501507 劉姿君

Q3

題目：