// verify the record problem

#include <cmath>

#include <cstdio>

#include <vector>

#include <iostream>

#include <algorithm>

using namespace std;

int main() {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT \*/

int n;

cin>>n;

int a[n];

for(int i=0;i<n;i++) cin>>a[i];

int num1=1,num2=2,wait=3,flag=0;

for(int i=0;i<n;i++){

if(a[i]!=num1&&a[i]!=num2){

flag=1;break;

}

num1=a[i];

num2=wait;

if(a[i]==3 ){

wait=3-wait;continue;}

if(wait==3){

wait=3-a[i];continue;}

else

wait=3;

}

if(flag==0)

cout<<"YES"<<endl;

else

cout<<"NO"<<endl;

return 0;

}

//spread and earn problem

#include <cmath>

#include <cstdio>

#include <vector>

#include <iostream>

#include <algorithm>

using namespace std;

int main() {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT \*/

int n,k;

cin>>n>>k;

int a[n],cost=0,v[n]={0},n1,n2;

for(int i=0;i<n;i++) cin>>a[i];

for(int i=0;i<k;i++){

cin>>n1>>n2;

if(v[n1-1]==0 && v[n2-1]==0 ){

if(a[n1-1]>a[n2-1]){

cost+=a[n2-1];

}

else

{cost+=a[n1-1];}

v[n1-1]=1;

v[n2-1]=1;

}

else{

if(v[n2-1]==0 && v[n1-1]==1)

v[n2-1]=1;

else

v[n1-1]=1;

}

}

for(int i=0;i<n;i++){

if(v[i]==0){

cost+=a[i];

}

}

cout<<cost;

return 0;

}

//problem 2

#include <cmath>

#include <cstdio>

#include <vector>

#include <iostream>

#include <algorithm>

using namespace std;

int main() {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT \*/

int n;

cin>>n;

int a[2\*n-1][2\*n-1];

int low=0,high=2\*n-1,num=n;;

while(num!=0){

for(int i=low;i<high;i++)

a[low][i]=num;

for(int i=low;i<high;i++)

a[i][high-1]=num;

for(int i=low;i<high;i++)

a[high-1][i]=num;

for(int i=low;i<high;i++)

a[i][low]=num;

low=low+1;

high=high-1;

num=num-1;

}

for(int i=0;i<2\*n-1;i++){

for(int j=0;j<2\*n-1;j++)

cout<<a[i][j]<<" ";

cout<<endl;

}

return 0;

}

// problem 1

#include <cmath>

#include <cstdio>

#include <vector>

#include <iostream>

#include <algorithm>

using namespace std;

int main() {

/\* Enter your code here. Read input from STDIN. Print output to STDOUT \*/

int t;

cin>>t;

while(t--){

int n;

cin>>n;

int count=0;

count+=n/100;

count+=(n%100)/20;

count+=((n%100)%20)/10;

count+=(((n%100)%20)%10)/5;

count+=((((n%100)%20)%10)%5)/1;

cout<<count<<endl;

}

return 0;

}