#include <bits/stdc++.h>

using namespace std;

int a[1000005], n;

bool dd[1000005];

void nhap(){

cin>>n;

for(int i=1;i<=n;i++)

cin>>a[i];

}

void sang(){

for(int i=2;i<=1000002;i++)

dd[i]=1;

for(long long i=2;i\*i<=1000002;i++)

if(dd[i])

for(long long j=2;i\*j<=1000002;j++)

dd[i\*j]=0;

}

bool sieu(int x){

int du;

while(x>0&&dd[x]){

x=x/10;

}

if(x==0)

return 1;

return 0;

}

int main()

{ int maxx=0;

freopen("BAI02.INP","r",stdin);

freopen("BAI02.OUT","w",stdout);

nhap();

sang();

// cout<<sieu(32);

// for(int i=1;i<=100;i++)

// cout<<dd[i]<<" ";

for(int i=1;i<=n;i++)

if(sieu(a[i])&&maxx<a[i])

maxx=a[i];

cout<<maxx;

return 0;

}

#include <bits/stdc++.h>

using namespace std;

int a[1000003];

bool dd[1000000];

void sang(){

for(int i=2;i<=1000000;i++)

dd[i]=1;

for(int i=2;i\*i<=1000000;i++)

if (dd[i])

for(int j=2;i\*j<=1000000;j++)

dd[i\*j]=0;

}

bool ngto(long x){

if(x<2) return 0;

for(int i=2;i\*i<=x;i++)

if(x%i==0)

return 0;

return 1;

}

bool bacthang(long x){

int du;

if (x<=10)

return 0;

while(x>1){

du=x%10;

x=x/10;

if(du<=x%10)

return 0;

}

return 1;

}

int main()

{int i,d,n,maxx=0;

freopen("BAI03.INP","r",stdin);

freopen("BAI03.OUT","w",stdout);

sang();

cin>>n;

for(i=1;i<=n;i++)

cin>>a[i];

d=0;

for(i=1;i<=n;i++)

if (bacthang(a[i])&& dd[a[i]]&&a[i]>maxx)

maxx=a[i];

cout<<maxx;

return 0;

}

#include<bits/stdc++.h>

using namespace std;

typedef long long ll;

typedef pair <ll, ll> ii;

map<ll, ll> mp;

ll n, decoy, tong;

int main()

{

ios\_base::sync\_with\_stdio(NULL);

cin.tie(0);

cout.tie(0);

freopen("CHIAQUA.inp","r",stdin);

freopen("CHIAQUA.out","w",stdout);

cin >> n;

for (ll i = 1; i <= n; i ++)

{

cin >> decoy;

mp[decoy] ++;

}

tong = mp[100] \* 100 + mp[200] \* 200;

if ((tong / 100) % 2 != 0)

cout << "NO";

else if (mp[100] > mp[200] \* 2)

{

if (tong / 2 == (mp[100] \* 100 - tong / 2 + mp[200] \* 200))

cout << "YES";

else cout << "NO";

}

else

{

if (tong / 2 == (mp[200] \* 200 - tong / 2 + mp[100] \* 100))

cout << "YES";

else cout << "NO";

}

}

#include<bits/stdc++.h>

using namespace std;

typedef long long ll;

typedef pair <ll, ll> ii;

ll n, mang[1000001];

int main()

{

ios\_base::sync\_with\_stdio(NULL);

cin.tie(0);

cout.tie(0);

freopen("CODE.inp","r",stdin);

freopen("CODE.out","w",stdout);

cin >> n;

for (ll i = 1; i <= n; i ++)

cin >> mang[i];

sort (mang + 1, mang + 1 + n);

for (ll i = n; i >= 2; i --)

{

if (mang[i] - mang[i - 1] != 1)

{

cout << mang[i] - 1;

return 0;

}

}

if (mang[1] == 1)

cout << mang[n] + 1;

else cout << 1;

}

#include <bits/stdc++.h>

using namespace std;

typedef long long ll;

typedef pair<ll, ll> ii;

ll n, dem = 0, F[2000][2000], j;

string s;

int main ()

{

ios\_base::sync\_with\_stdio(NULL);

cin.tie(0);

cout.tie(0);

freopen("XAUDX.inp","r",stdin);

freopen("XAUDX.out","w",stdout);

cin >> s;

n = s.size ();

s = " " + s;

for (ll i = 1; i <= n; i ++)

F[i][i] = 1;

for (ll i = 1; i < n; i ++)

F[i + 1][i] = 1;

for (ll k = 1; k < n; k ++)

for (ll i = 1; i <= n - k; i ++)

{

j = i + k;

F[i][j] = (F[i + 1][j - 1] && s[i] == s[j]);

}

for (ll i = 1; i <= n; i ++)

for (ll j = 1; j <= n; j ++)

if (F[i][j])

dem = max (dem, j - i + 1);

cout << dem;

}