#include <stdio.h>

#include <conio.h>

#include <string.h>

void nhap(char a[][100], int n)

{

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

{ printf ("A[%d] = ",i);

scanf("%s", &a[i]);}

}

void xuat(char a[][100], int n)

{

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

printf ("%s ", a[i]);

//printf ("\n");

}

int isInt( char \*s)

{

int size = strlen(s);

int i = 0;

while (i < size){

if (s[i] < '0' || s[i] > '9')

return 0;i++; }

return 1;

}

int s2i( char \*s)

{

int i = strlen(s);

int integer = 0;

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

integer = 10 \* integer + s[j] - '0';

return integer;

}

int kt(int n)

{ int i;

if(n<2) return 0;

for(i=2;i\*i<=n;i++)

if(n%i==0) return 0; return 1;

}

int main ( )

{ int n;

printf ("Nhap n: "); scanf ("%d",&n);

char a[n][100];

printf ("Nhap mang:\n");

nhap(a,n);

printf("Cac phan tu cua mang la: ");

xuat(a,n);

printf("\ncac so nguyen to trong mang la: ");

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

if (isInt(a[i]))

if (kt(s2i(a[i])))

printf("%s ", a[i] );

printf("\nso nguyen to cuoi cung : ");

for (int i=n-1; i>=0; i--)

if (isInt(a[i]))

if (kt(s2i(a[i]))) {

printf("%s ", a[i] ); return 0; }

getch();

}