1 **function** pm(p,p1: integer) :=p\*p1;

**const** n=5;

**var** a:**array**[1..n] **of** integer;

i,p,p1,p2:integer;

**begin**

**for** i:=1 **to** n **do**

readln(a[i]);

p:=1;

**for** i:=1 **to** n **do**

**if** i **mod** 2=0 **then begin**

p1:=a[i];

p:=pm(p,p1);

**end**;

Writeln(p);

**end**.

2 **procedure** pr;

**var** a:**array**[1..7] **of** integer;

i,g,p,n,min:integer;

**begin**

n:=7;

**for** i:=1 **to** n **do**

readln(a[i]);

p:=1;

**for** i:=2 **to** n **do**

**if** abs(a[i]) < abs(a[i-1]) **then**

p:=i;

min:=1;

**for** i:=2 **to** n **do**

**if** a[i]<0 **then if** a[min]>a[i] **then** min:=i;

writeln('Минимальный по модулю элемент ', p, ' ', abs(a[p]));

writeln('Максимальный отрицательный элемент ', min, ' ', a[min]);

**end**;

**begin**

pr;

**end**.

3 **function** pravno(p,i:integer) :=i;

**var** a:**array**[1..7] **of** integer;

i,g,p,n,min:integer;

**begin**

n:=7;

**for** i:=1 **to** n **do**

readln(a[i]);

p:=1;

**for** i:=1 **to** n **do**

**if** a[i]<0 **then** p:=pravno(p,i);

print('Номер последнего отрицательного элемента ', p);

**end**.

4 **var** i,suma,sumb: integer;

a:**array**[1..5] **of** integer;

b:**array**[1..5] **of** integer;

**begin**

**for** i:=1 **to** 5 **do**

**begin**

readln(a[i]);

suma:=a[i]+suma;

**end**;

**for** i:=1 **to** 5 **do**

**begin**

readln(b[i]);

sumb:=b[i]+sumb;

**end**;

**if** suma>sumb **then**

**for** i:=1 **to** 5 **do**

**begin**

b[i]:=b[i]\*10;

**end**;

**if** sumb>suma **then**

**for** i:=1 **to** 5 **do**

**begin**

a[i]:=a[i]\*10;

**end**;

writeln('a= ',a,'b= ',b);

**end**.

5 **type**

mas = **array**[1..5] **of** integer;

**function** maxim(x: mas): integer;

**var**

max1: integer;

**begin**

max1 := 1;

**for var** i := 2 **to** 5 **do**

**begin**

**if** x[max1] < x[i] **then**

max1 := i;

**end**;

maxim := max1;

**end**;

**function** minim(x: mas): integer;

**var**

min1: integer;

**begin**

min1 := 1;

**for var** i := 2 **to** 5 **do**

**begin**

**if** x[min1] > x[i] **then**

min1 := i;

**end**;

minim := min1;

**end**;

**procedure** pr;

**var**

i, kr51, kr52, max1, max2, min1, min2: integer;

a: mas;

b: mas;

**begin**

**for** i := 1 **to** 5 **do**

**begin**

readln(a[i]);

**if** a[i] **mod** 5 = 0 **then** kr51 := i;

**end**;

**for** i := 1 **to** 5 **do**

**begin**

readln(b[i]);

**if** b[i] **mod** 5 = 0 **then** kr52 := i;

**end**;

**if** kr51 < kr52 **then begin**

a[maxim(a)] := 0;

**for** i := minim(b) **to** 5 **do**

b[i] := b[i] \* 2;

**end**

**else begin**

b[maxim(b)] := 0;

**for** i := minim(a) **to** 5 **do**

a[i] := a[i] \* 2;

**end**;

writeln(a);

writeln(b);

**end**;

**begin**

pr;

**end**.

1 **var** a:**array**[1..6,1..8] **of** integer;

**var** b:**array**[1..6] **of** integer;

**var** i,j,c,d:integer;

**begin**

**for** i:=1 **to** 6 **do**

**for** j:= 1 **to** 8 **do**

a[i,j]:=random(8)-1;

writeln(a);

c:=1;

**while** c<=6 **do**

**for** d:=1 **to** 8 **do begin**

**if** abs(a[c,d])>4 **then begin**

b[c]:=a[c,d];

c:=c+1;

**break**;

**end**;

**if** d=8 **then begin**

b[c]:=0;

c:=c+1;

**break**

**end**;

**end**;

writeln(b);

**end**.

2 **var** a:**array**[1..8,1..6] **of** integer;

**var** b:**array**[1..8] **of** integer;

**var** i,j,c,d,g:integer;

**begin**

**for** i:=1 **to** 8 **do**

**for** j:= 1 **to** 6 **do**

a[i,j]:=random(40)-1;

writeln(a);

c:=1;

**while** c<=8 **do begin**

**for** d:=1 **to** 6 **do begin**

**if** a[c,d]<0 **then begin**

b[c]:=-1;

**break**;

**end**;

**if** d=6 **then** b[c]:=1;

**end**;

c:=c+1;

**end**;

writeln(b);

**end**.

3 **var** a:**array**[1..8,1..8] **of** integer;

**var** b:**array**[1..8] **of** integer;

**var** i,j,c,d,g:integer;

**begin**

**for** i:=1 **to** 8 **do**

**for** j:= 1 **to** 8 **do**

a[i,j]:=random(7)-1;

writeln(a);

c:=1;

**while** c<=8 **do**

**for** d:=2 **to** 8 **do begin**

**if** (a[c,d]+a[c,d-1])=7 **then begin**

b[c]:=1;

c:=c+1;

**break**;

**end**;

**if** d=8 **then begin**

b[c]:=-1;

c:=c+1;

**end**;

**end**;

writeln(b);

**end**.

4 **procedure** pr;

**var** a:**array**[1..8,1..8] **of** integer;

**var** b:**array**[1..8] **of** integer;

**var** i,j,c,d,min,sr,sum:integer;

**begin**

**for** i:=1 **to** 8 **do**

**for** j:= 1 **to** 8 **do**

a[i,j]:=random(10000)-1;

writeln(a);

c:=1;

**while** c<=8 **do begin**

min:=1;

**for** d:=2 **to** 8 **do**

**if** a[c,d]<a[c,min] **then** min:=d;

b[c]:=a[c,min];

c:=c+1;

**end**;

**for** i:=1 **to** 8 **do**

sum:=b[i]+sum;

sr:=round(sum/8);

writeln(sr);

writeln(b);

**for** i:=1 **to** 8 **do begin**

**if** b[i]=sr **then begin**

writeln('YES');

**break**;

**end**

**else begin** writeln('NO'); **break**;

**end**; **end**;

**end**;

**begin**

pr;

**end**.

5 **var** a:**array**[1..8,1..8] **of** integer;

**var** b:**array**[1..8] **of** integer;

**var** sr:**array**[1..8] **of** integer;

**var** i,j,c,d,max,sum:integer;

**begin**

**for** i:=1 **to** 8 **do**

**for** j:= 1 **to** 8 **do**

a[i,j]:=random(1)-1;

writeln(a);

c:=1;

**while** c<=8 **do begin**

max:=1;

**for** d:=2 **to** 8 **do**

**if** a[c,d-1]=a[c,d] **then** max:=max+1;

**if** max=8 **then** sr[c]:=1

**else** sr[c]:=-1;

c:=c+1;

**end**;

print(sr);

**end**.