**program** qwertyu;

**var**

v: **array** [1..20] **of** integer;

 v1: **array**[1..20] **of** integer;

 n,a,b,max,num,k:integer;

**begin**

 **for** n:= 1 **to** 20 **do**

 **begin**

v[n]:=random(1,20); write(v[n],' ');

 **end**;

 writeln;

 **for** b:=20 **downto** 1 **do**

 **begin**

max:=0;

 **for** a:= 1 **to** 20 **do**

 **begin**

 **if** v[a]>max **then**

 **begin**

max:=v[a];

 num:=a;

 **end**;

 **end**;

 v1[b]:=max;

 v[num]:=0;

 **end**;

 **for** k:=1 **to** 20 **do**

 **begin**

write(v1[k],' ');

 **end**;

**end**.