**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**.