		Bafria Gold
13/7/23	Thorson toothe	21 (4.12) 424 11
-	Hinclude < Stdio h7	Yetura O;
	# include < Stato h / # include < Stato h /	else '
	# define left to - dighed tong	setush mobile;
	# define right to life file	- 3
		void produce one permutating (ind at I, book dots,
	int getposty Mobile (intal) inty ind mobile)	man 14
		ind moste = get mostle (a, dis, n) ind pos = get pos ef mostle (a, n, mostle):
	10x (inti=0; i<0; ita) {	post of mostic (a, n, mostle)
	if (ali] = smobite)	if (dix [a[ Pos-1]-i] == 519ht -to-left ) \$
	return et 1;	int temp = a [Pos-17]
	5	a [ Pos - 1] = a [ Pos - 2];
	sature 6;	a [Pos - 2] = temp;
	3	a [ Pos - i] = a [ Pos - 2]; a [ Pos - 2] = temp 3 elge if ( dis [a [ Pos - i] - i] = 1 [8] - to-8
	int gethersite (ind all, bool dust], indust	{
	int hubite-prov so, mobile to,	int temp: a [ Pas]
	for Cird i=0; ixn; i+118	a [Pos ] = a [Pos-1];
	if (dis Ea [i] - 1] == right - to-left	a [fos ] = a [fos ])
	4a £ 7 =0) {	
	if (ati3 7 ati- 13 dd ali3 7 mobile-pres)	for (indi=0', izn, i+1) \$
	I Mobile = ali ];	if (ali) 7 mobile 14
	ustik-Poer = mobile	if (distation -1) == left to signed)
	3	dis [atis-1] = sight to left else if (dis [atis-1] == bight-fo.]
	3	else if (dis acist) to bett
	il (dis [aci] -1) = sleft to sight 44 ij = by	dix [ali] = left-to-bigH;
	il lati3 7a[x1] 40 a[i] 7 anosik-prask	3
	mobite = ati3;	8
	yoble-prey = mobile;	for (indico ixu itt)
	9	Point ("1-d" atis);
		Prints ("In");

					XX
1 : 6	Paid (and	diation inti	Die Line	for linties;	Introd (int in
on it is a come of the contraction of the contracti	De ta te so of a	(2 m ; (+4)  (5 t - to - left;  (6 f ( m );  Pessionatedian ( a)	1 ( " - 1 , et. ] ).  J = 1+1 ;  Myselval ;  The first of	124	
	2h jack	Lis 4)			entor
				2 - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	output
					2 3 enter
					Bafna Gold

## OUTPUT:

יט כיו	עטטון בען	שני עיוטע	V KATHISTON	CIUCLEI . EXE
Enter	' number	of comp	onents: 4	
1	2	3	4	
1	2	4	3	
1	4	2	3	
4	1	2	3	
4	1	3	2	
1	4	3	2	
1	3	4	2	
1	3	2	4	
3	1	2	4	
3	1	4	2	
3	4	1	2	
4	3	1	2	
4	3	2	1	
4	4	2	1	
3,	2	4	1	
3	2	1	4	
2	3	1	4	
2	3	4	1	
2	4	3	1	
4	2	3	1	
4	2	1	3	
2	4	1	3	
2	1	4	3	
2	1	3	4	

OBSERVATION: