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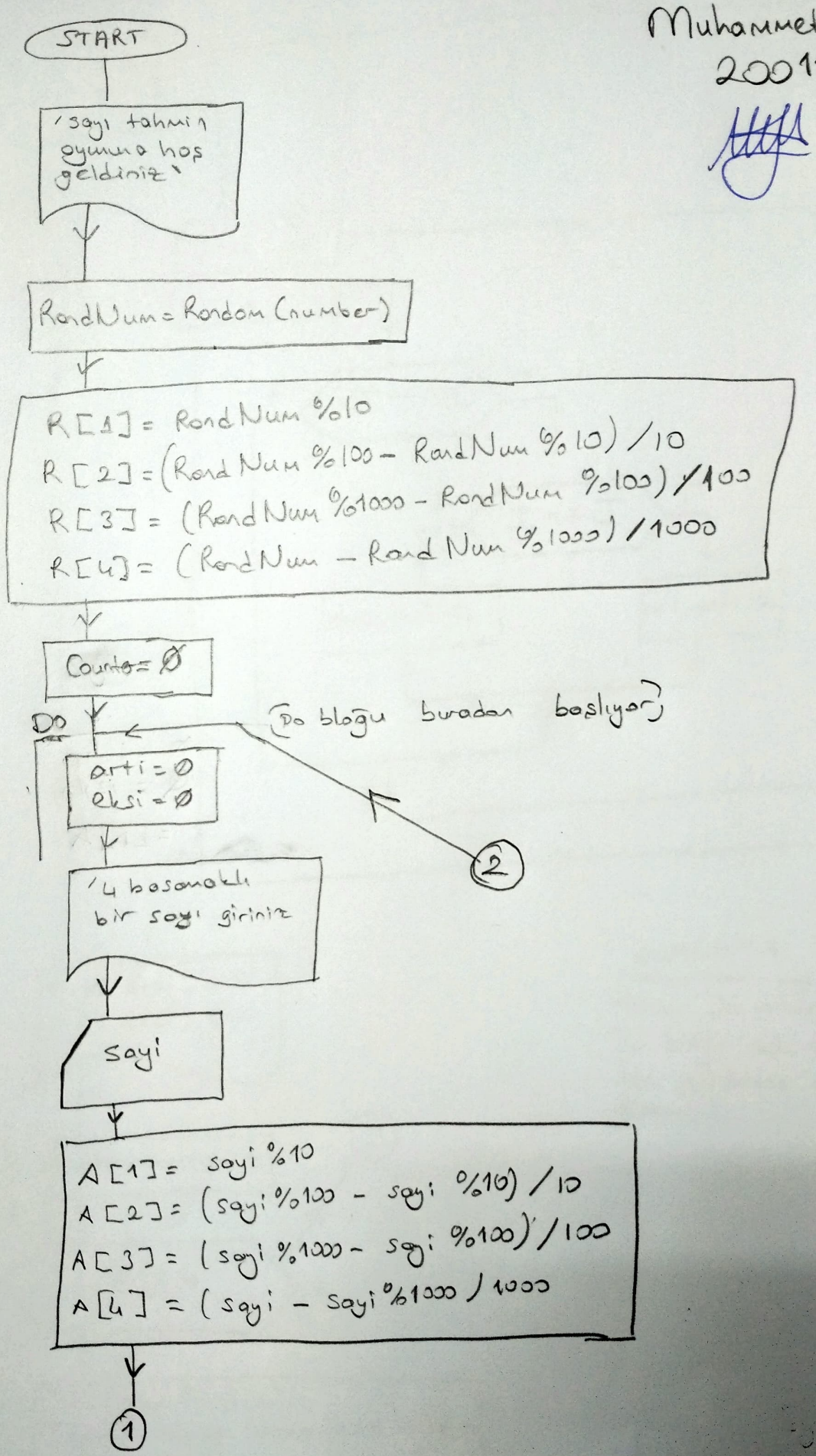

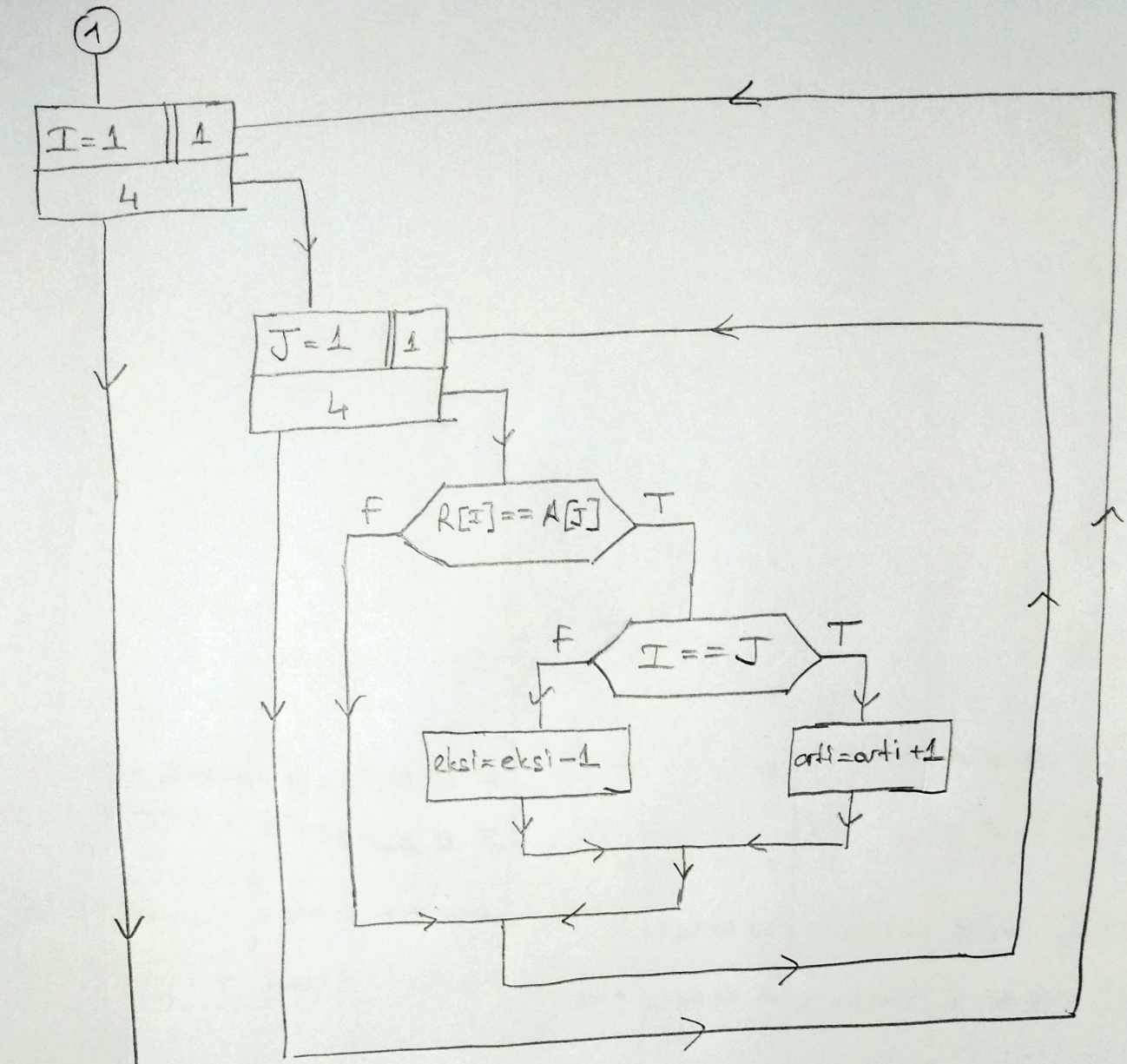

hint: arti, arti
'eksi', eksi

counter=counter+1

Do

2

arti ≠ 4

'Tebrikler Buldun'
'Toplam' counter 'denemede buldun

STOP

AÇIKLAMA

Hocam Do while ile çözdüm Do bloğu çok uzun tuttuğu için yorumu not koyarak gösterdim.

Analiz 1

RandNum	R[1]-[2]-[3]-[4]	Counter	arti	eksi	I	J	sayi	sayi[1]-[2]-[3]-[4]	R[I]	A[J]
1780	1-7-8-0	0	0	0	1	1	5432	5-4-3-2	1	5
			0	0	1	2			1	4
			0	0	1	3			1	3
			0	0	1	4			1	2
			//	//	2	1			7	5
					2	2			7	4
					2	3			7	3
					2	4			7	2
			//	//	3	1			8	5
					3	2			8	4
					3	3			8	3
					3	4			8	2
			//	//	4	1			0	5
					4	2			0	4
					4	3			0	3
					4	4			0	2
		Counter 1	0	0	1	1	6781	6-7-8-1	1	6
			0	0	1	2			1	7
			0	0	1	3			1	8
			0	1	1	4			1	1
			0	0	2	1			7	6
			1	0	2	2			7	7
			0	0	2	3			7	8
			0	0	2	4			7	1
			0	0	3	1			6	6
			0	0	3	2			6	7
			2	0	3	3			6	8
			0	0	3	4			6	1
			0	0	4	1			0	6
			0	0	4	2			0	7
			0	0	4	3			0	8
			0	0	4	4			0	1

Araiz 1 Devam

Rand Num	R[1]-[2]-[3]-[4]
1780	1-7-8-Ø

Counter
2

arti +2	eksi -1	I	J
1	Ø	1	1
Ø	Ø	1	2
Ø	Ø	1	3
Ø	Ø	1	4
Ø	Ø	2	1
2	Ø	2	2
Ø	Ø	2	3
Ø	Ø	2	4
Ø	Ø	3	1
Ø	Ø	3	2
3	Ø	3	3
Ø	9	3	4
Ø	Ø	4	1
Ø	Ø	4	2
Ø	Ø	4	3
4	Ø	4	4

- Arti=4
- Counter=3

Sayi
1780

Sayi[1]-[2]-[3]-[4]
1-7-8-Ø

R[I]	A[J]
1	1
1	7
1	8
1	Ø
7	1
7	7
7	8
7	Ø
8	1
8	7
8	8
8	Ø
Ø	1
Ø	7
Ø	8
Ø	Ø

J=5

Analiz 2

RandNum	A[1]-[2]-[3]-[4]	Counter	arti	eksi	I	J	Sayi	Sayi[1]-[2]-[3]-[4]	R[I]	A[J]
4856	4 8 5 6	0	0	0	1	1	1234	1-2-3-4	4	1
			0	0	1	2			4	2
			0	0	1	3			4	3
			0	-1	1	4			4	4
			0	0	2	1			8	1
			0	0	2	2			8	2
			0	0	2	3			8	3
			0	0	2	4			8	4
			0	0	3	1			5	1
			0	0	3	2			5	2
			0	0	3	3			5	3
			0	0	3	4			5	4
			0	0	4	1			6	1
			0	0	4	2			6	2
			0	0	4	3			6	3
			0	0	4	4			6	4
		Counter 1	0	0	1	1	5678	5-6-7-8	4	5
			0	0	1	2			4	6
			0	0	1	3			4	7
			0	0	1	4			4	8
			0	0	2	1			8	5
			0	0	2	2			8	6
			0	0	2	3			8	7
			0	-1	2	4			8	8
			0	-2	3	1			5	5
			0	0	3	2			5	6
			0	0	3	3			5	7
			0	0	3	4			5	8
			0	0	4	1			6	5
			0	-3	4	2			6	6
			0	0	4	3			6	7
			0	0	4	4			6	8

Analiz 2 Devam

RandNum	R[1]-[2]-[3]-[4]
4856	4 - 8 - 5 - 6

Counter	artı	eksi	I	J
2	Ø	Ø	1	1
	Ø	Ø	1	2
	Ø	Ø	1	3
	Ø	Ø	1	4
	Ø	Ø	2	1
	Ø	Ø	2	2
	Ø	Ø	2	3
	Ø	Ø	2	4
	Ø	Ø	3	1
	Ø	Ø	3	2
	+1	Ø	3	3
	Ø	Ø	3	4
	Ø	Ø	4	1
	Ø	Ø	4	2
	Ø	Ø	4	3
	+2	Ø	4	4
Counter 3	+1	Ø	1	1
	Ø	Ø	1	2
	Ø	Ø	1	3
	Ø	Ø	1	4
	Ø	Ø	2	1
	+2	Ø	2	2
	Ø	Ø	2	3
	Ø	Ø	2	4
	Ø	Ø	3	1
	Ø	Ø	3	2
	+3	Ø	3	3
	Ø	Ø	3	4
	Ø	Ø	4	1
	Ø	Ø	4	2
	Ø	Ø	4	3
	+4	Ø	4	4
counter 4				

Sayı	Sayı [1]-[2]-[3]-[4]	R[1]	R[J]
9Ø56	9 - Ø - 5 - 6	4	9
		4	Ø
		4	5
		4	6
		8	9
		8	Ø
		8	5
		8	6
		5	9
		5	Ø
		5	5
		5	6
		6	9
		6	Ø
		6	5
		6	6
4856	4 - 8 - 5 - 6	4	4
		4	8
		4	5
		4	6
		8	4
		8	8
		8	5
		8	6
		5	4
		5	8
		5	5
		5	6
		6	4
		6	8
		6	5
		6	6

Analiz 3

RandNum	R[1]-[2]-[3]-[4]	Counter	ati	eksi	I	J	Sayi	Sayi [1]-[2]-[3]-[4]	R[I]	A[J]
8723	8 7 2 3	0	0	0	1	1	1234	1-2-3-4	8	1
			0	0	1	2			8	2
			0	0	1	3			8	3
			0	0	1	4			8	4
			0	0	2	1			7	1
			0	0	2	2			7	2
			0	0	2	3			7	3
			0	0	2	4			7	4
			0	0	3	1			2	1
			0	-1	3	2			2	2
			0	0	3	3			2	3
			0	0	3	4			2	4
			0	0	4	1			3	1
			0	0	4	2			3	2
			0	-2	4	3			3	3
Counter			0	0	4	4			3	4
1		+1	0	0	1	1	8723	8-7-2-3	8	8
			0	0	1	2			8	7
			0	0	1	3			8	2
			0	0	1	4			8	3
			0	0	2	1			7	8
		+2	0	0	2	2			7	7
			0	0	2	3			7	2
			0	0	2	4			7	3
			0	0	3	1			2	8
			0	0	3	2			2	7
		+3	0	0	3	3			2	2
			0	0	3	4			2	3
			0	0	4	1			3	8
			0	0	4	2			3	7
			0	0	4	3			3	2
Counter		+4	0	0	4	4			3	3
2	Tebrikler 2. Denemede Bulunuz									

DAHA IYI ANLASILMASI ADINA ASAGIDA C DILINDE KODU MEVCUTTUR

```
#include <stdio.h>
#include <stdlib.h>
#include <time.h>


int main(){
	srand(time(NULL));
	int R[4];
	int A[4];
	int i,j,sayi, arti,eksi,counter=0;
	int randNum = rand() % 8999 + 1000;
	printf("%d",randNum);

	R[0] = randNum%10;
	R[1] =( randNum%100 - randNum%10)/10;
	R[2] =( randNum%1000 - randNum%100)/100;
	R[3] =( randNum - randNum%1000)/1000;

	printf("\nR[1]:%d, R[2]:%d R[3]:%d R[4]:%d",R[3],R[2],R[1],R[0]);

	printf("\n======= SAYI TAHMIN OYUNUNA HOS GELDINIZ ========== \n");

	do{
		arti=0;
		eksi=0;
		printf("\n 4 basamakli bir sayi giriniz\n");
		scanf("%d",&sayi);

	A[0] = sayi%10;
	A[1] =( sayi%100 - sayi%10)/10;
	A[2] =( sayi%1000 - sayi%100)/100;
	A[3] =( sayi - sayi%1000)/1000;

	for(i=0;i<4;i++){
		for(j=0;j<4;j++){
			if(R[i] == A[j]){
				if(i==j){
					arti+=1;
				}else{
					eksi-=1;
				}
			}
		}
```

```
        }
        printf("\nhint: arti %d ,eksi %d\n",arti,eksi);
        counter++;
        }while(arti!=4);
        printf("TEBRIKLER BULDUN \n toplam %d denemede buldun",counter);
}
```