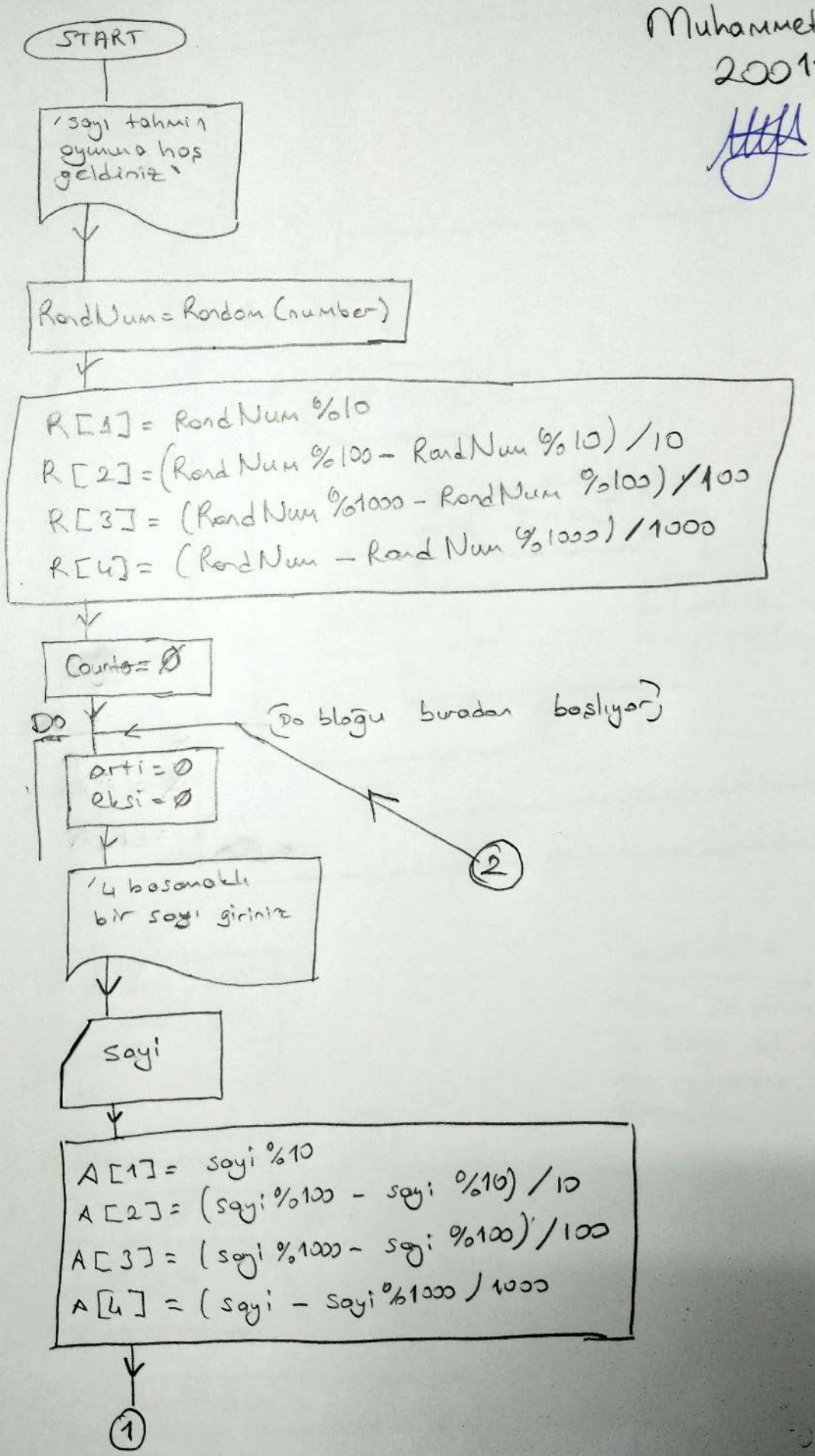
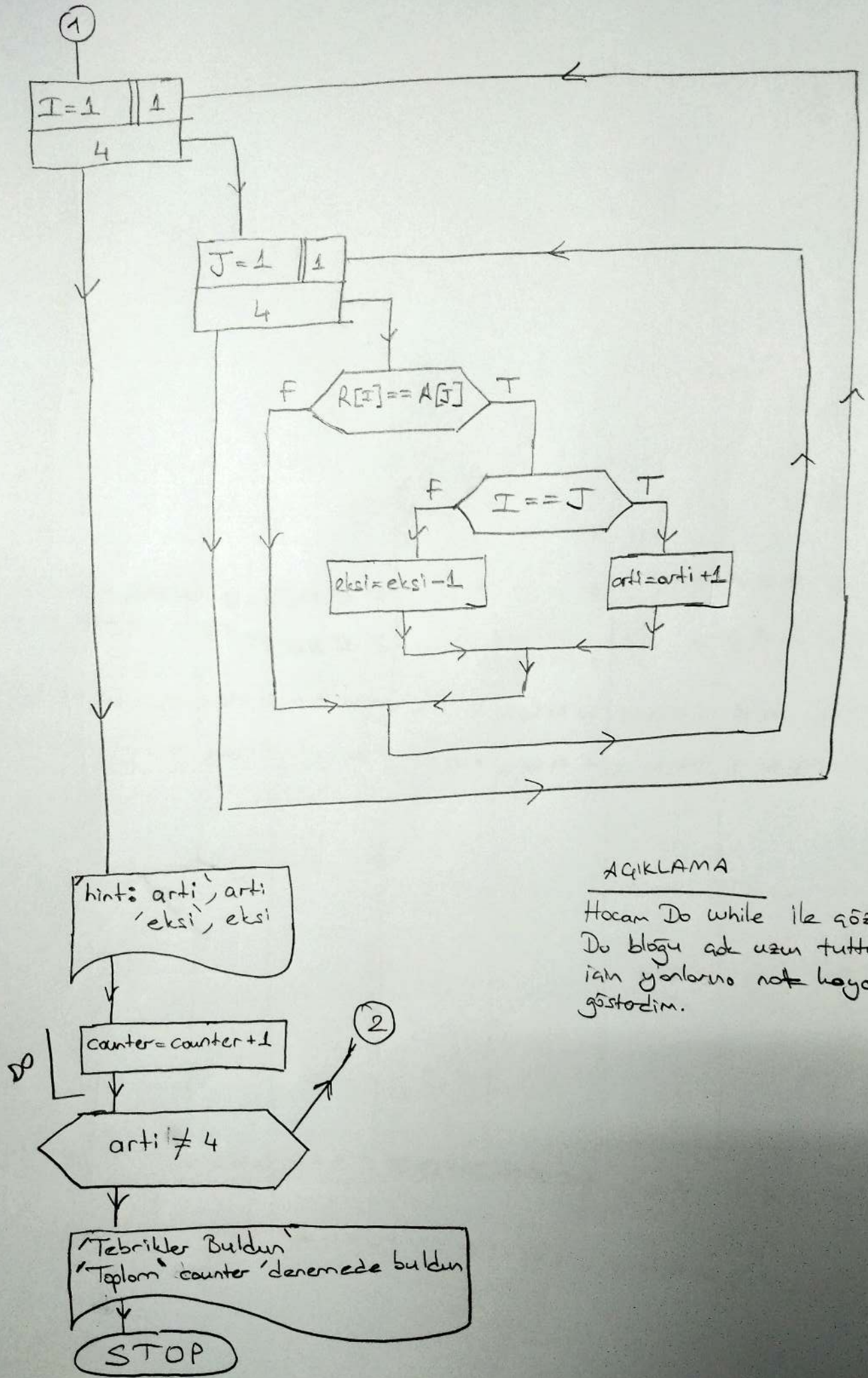
Muhammet Ali ŞEN
20011701





AÇIKLAMA

Hocam Do while ile gözedim Do bloğu çok uzun tuttuğu için yönlerini 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			0	6
			0	0	3	2			0	7
			2	0	3	3			0	8
			0	0	3	4			0	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

Aratz 1 Devam

Rand Num	R[1]-[2]-[3]-[4]	Counter	arti +2	eksi -1	I	J	Sayi	Sayi[1]-[2]-[3]-[4]	R[I]	A[J]	J<5
1780	1-7-8-Ø	2	1	Ø	1	1	1780	1-7-8-Ø	1	1	
			Ø	Ø	1	2			1	7	
			Ø	Ø	1	3			1	8	
			Ø	Ø	1	4			1	Ø	
			Ø	Ø	2	1			7	1	
			2	Ø	2	2			7	7	
			Ø	Ø	2	3			7	8	
			Ø	Ø	2	4			7	Ø	
			Ø	Ø	3	1			8	1	
			Ø	Ø	3	2			8	7	
			3	Ø	3	3			8	8	
			Ø	9	3	4			8	Ø	
			Ø	Ø	4	1			Ø	1	
			Ø	Ø	4	2			Ø	7	
			Ø	Ø	4	3			Ø	8	
			4	Ø	4	4			Ø	Ø	

Arti=4

Counter=3

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]	Counter	artı	eksi	I	J	Sayı	Sayı [1]-[2]-[3]-[4]	R[I]	R[J]
4856	4 - 8 - 5 - 6	2	Ø	Ø	1	1	9Ø56	9 - Ø - 5 - 6	4	9
			Ø	Ø	1	2			4	Ø
			Ø	Ø	1	3			4	5
			Ø	Ø	1	4			4	6
			Ø	Ø	2	1			8	9
			Ø	Ø	2	2			8	Ø
			Ø	Ø	2	3			8	5
			Ø	Ø	2	4			8	6
			Ø	Ø	3	1			5	9
			Ø	Ø	3	2			5	Ø
			+1	Ø	3	3			5	5
			Ø	Ø	3	4			5	6
			Ø	Ø	4	1			6	9
			Ø	Ø	4	2			6	Ø
			Ø	Ø	4	3			6	5
		Counter	+2	Ø	4	4			6	6
		3	+1	Ø	1	1	4856	4 - 8 - 5 - 6	4	4
			Ø	Ø	1	2			4	8
			Ø	Ø	1	3			4	5
			Ø	Ø	1	4			4	6
			Ø	Ø	2	1			8	4
			+2	Ø	2	2			8	8
			Ø	Ø	2	3			8	5
			Ø	Ø	2	4			8	6
			Ø	Ø	3	1			5	4
			Ø	Ø	3	2			5	8
			+3	Ø	3	3			5	5
			Ø	Ø	3	4			5	6
			Ø	Ø	4	1			6	4
			Ø	Ø	4	2			6	8
			Ø	Ø	4	3			6	5
			+4	Ø	4	4			6	6
		Counter 4								

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);
}
```