

Q1

```
1 #include <stdio.h>
2 // Ahmed Samed Akbulut
3 main()
4 {
5     int dizi[5];
6     int toplam = 0;
7
8     for(int i = 0; i < 5; i++)
9     {
10         printf("%d. sayiyi giriniz:",i+1);
11         scanf("%d",&dizi[i]);
12         toplam += dizi[i];
13     }
14     printf("Dizi elemanlarinin toplami = %d",toplam);
15 }
```

```
3 | main()
  | ^~~~
1. sayiyi giriniz:1
2. sayiyi giriniz:2
3. sayiyi giriniz:3
4. sayiyi giriniz:4
5. sayiyi giriniz:5
Dizi elemanlarinin toplami = 15
```

Q2

```
main.c
1 #include<stdio.h>
2 // Ahmed Samed Akbulut
3 #define SIZE 100
4 int main()
5 {
6     int count = 0, store, array[SIZE], total;
7     int min = array[0], max = array[0];
8
9     do
10    {
11        printf("\nEnter integer number %. Press 0 to exit: \n", (count + 1));
12        scanf("%d", &store);
13        array[count++] = store;
14    } while ( count < SIZE && store != 0 );
15
16    total = count;
17    printf("Total number of values in array is %d.\n", total);
18
19    for ( count = 0 ; count <= total && array[count] != 0 ; count++)
20    {
21        if(array[count] < min)
22        {
23            min = array[count];
24        }
25
26        if(array[count] > max)
27        {
28            max = array[count];
29        }
30    }
31
32    printf("\nThe min value is %d.\nThe max value is %d.\n", min, max);
33
34    return 0;
35 }
```

input

```
Enter integer number 3. Press 0 to exit:
3
Enter integer number 4. Press 0 to exit:
0
Total number of values in array is 4.
The min value is 0.
The max value is 3.
```

```
Enter integer number 1. Press 0 to exit:
1
Enter integer number 2. Press 0 to exit:
2
Enter integer number 3. Press 0 to exit:
3
Enter integer number 4. Press 0 to exit:
0
Total number of values in array is 4.
The min value is 0.
The max value is 3.
```

Q3

```
1 #include<stdio.h>
2 // Ahmed Samed Akbulut
3
4 void tersDizi(int dizi[], int bas, int son)
5 {
6     int temp;
7     while (bas < son)
8     {
9         temp = dizi[bas];
10        dizi[bas] = dizi[son];
11        dizi[son] = temp;
12        bas++;
13        son--;
14    }
15 }
16 void printDizi(int dizi[], int size)
17 {
18     int i;
19     for (i=0; i < size; i++)
20         printf("%d ", dizi[i]);
21     printf("\n");
22 }
23
24
25
26 int main()
27 {
28     int dizi[5] ;
29     for(int i = 0; i < 5; i++)
30     {
31         printf("%d. sayiyi giriniz:",i+1);
32         scanf("%d",&dizi[i]);
33     }
34     int n = sizeof(dizi) / sizeof(dizi[0]);
35     tersDizi(dizi, 0, n-1);
36     printDizi(dizi, n);
37 }
```

input

```
1. sayiyi giriniz:1
2. sayiyi giriniz:2
3. sayiyi giriniz:3
4. sayiyi giriniz:4
5. sayiyi giriniz:5
Dizinin ters hali
5 4 3 2 1 32766 -14018816 -1512737846 0 0 1450090675 32749 1452226080 32749 2046542936 32766 0 1 -767901010 22000
```