

1. Take five integer values from the user and store them in an array. Call the two functions **maximum** and **toplam** inside the main function. The **maximum** function finds the largest of the values entered by the user and shows this number on the screen. The function named **toplam** finds the sum of these five integer values entered by the user and returns this sum result where it was called. The sum of the numbers found is showed on the screen in the main function.

```
Enter 5 numbers: 1 2 3 4 5
Maximum value = 5
Sum of the numbers = 15
-----
```

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

```
void maximum (int a[], int n);
```

```
int toplam (int a[]);
```

```
int main (void)
```

```
{
```

```
int k[5];
```

```
int i,s;
```

```
printf("Enter 5 numbers: " );
```

```
for (i=0; i<5; ++i)
```

```
    scanf("%d", &k[i]);
```

```
maximum(k,5);
```

```
s=toplam(k);
```

```
printf("Sum of the numbers = %d", s);
```

```
return (0);
```

```
}
```

```
void maximum (int a[], int n)
```

```
{
```

```
int i,max;
```

```
max=a[0];
```

```
for (i=1; i<n; ++i)
```

```
    if(a[i]>max)
```

```
        max=a[i];
```

```

printf("Maximum value = %d\n", max);
}
int toplam (int a[])
{
int i, t=0;
for (i=0; i<5; ++i)
    t=t+a[i];
return (t);
}

```

2. Take ten integer values from the user and store them in an array. Call a function named ***find*** inside the main function. The ***find*** function should find how many of the numbers entered by the user are negative, how many are positive and how many are equal to zero and print it on the screen. In addition, the sum of the positive integers entered by the user in the ***find*** function should be found and the value found should be returned to the main function. The sum value should be printed on the screen inside the main function.

```

Enter 10 numbers: 1 -2 3 -4 5 0 7 -8 10 0
5 positive numbers
3 negative numbers
2 zero numbers
Sum of the positive numbers 26:
-----

```

```

#include <stdio.h>

int bul(int a[]);

int main (void)
{ int k[10];

int i,s;

printf("Enter 10 numbers: ");

for (i=0; i<10; i++)

    scanf ("%d", &k[i]);

s=bul(k);

printf("\nSum of the positive numbers %d: ", s);

return (0);

}

```

```
int bul(int a[])
{
    int i, neg=0,pos=0,zero=0,sum=0;
    for (i=0; i<10; i++)
    {
        if (a[i]<0)
            neg=neg+1;
        else if (a[i]>0)
        {
            pos=pos+1;
            sum=sum+a[i];
        }

        else
            zero=zero+1;
    }
    printf ("\n%d positive numbers ", pos);
    printf ("\n%d negative numbers ", neg);
    printf ("\n%d zero numbers", zero);
    return (sum);
}
```