

```
1 int main()
2 {
3     int i,size,sum=0,array[600];
4     printf("\n\n\n ENTER THE SIZE OF THE ARRAY\t:\t");
5     scanf("%d",&size);
6     printf("\n\n");
7     for(i=0;i<size;i++)
8     {
9         printf("\n ENTER THE ELEMENT ARRAY_[%d]\t:\t",i);
10        scanf("%d",&array[i]);
11    }
12    printf("\n\n THE ARRAY YOU HAVE ENTERED IS\t:\t");
13    for(i=0;i<size;i++)
14    {
15        printf("%d\t",array[i]);
16    }
17    for(i=0;i<size;i++)
18    {
19        sum+=array[i];
20    }
21    printf("\n\n THE SUM OF ELEMENTS OF THE GIVEN ARRAY IS\t:\t%d",sum);
22    return 0;
23 }
```

ENTER THE SIZE OF THE ARRAY : 10

ENTER THE ELEMENT ARRAY_[0] :t1 2 3 4 5 6 7 8 9 0

ENTER THE ELEMENT ARRAY_[1] :t

ENTER THE ELEMENT ARRAY_[2] :t

ENTER THE ELEMENT ARRAY_[3] :t

ENTER THE ELEMENT ARRAY_[4] :t

ENTER THE ELEMENT ARRAY_[5] :t

ENTER THE ELEMENT ARRAY_[6] :t

ENTER THE ELEMENT ARRAY_[7] :t

ENTER THE ELEMENT ARRAY_[8] :t

ENTER THE ELEMENT ARRAY_[9] :t

THE ARRAY YOU HAVE ENTERED IS :t1 2 3 4 5 6

THE SUM OF ELEMENTS OF THE GIVEN ARRAY IS 45

