

```
1 #include <stdio.h>
2
3 int main() {
4     int arr[100], n, i;
5     int sum = 0;
6
7     printf("Enter number of elements: ");
8     scanf("%d", &n);
9
10    printf("Enter %d elements:\n", n);
11    for(i = 0; i < n; i++) {
12        scanf("%d", &arr[i]);
13    }
14
15    for(i = 0; i < n; i++) {
16        sum += arr[i];
17    }
18
19    printf("Sum of array elements = %d", sum);
```

```
Enter number of elements: 5
Enter 5 elements:
12 13 14 15 16
Sum of array elements = 70
==== Code Execution Successful ===
```