

```
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 ===