

```
1  #include <stdio.h>
2
3  int main()
4  {
5      int arr[100], size, i, sum = 0;
6
7      printf("Enter size of the array: ");
8      scanf("%d", &size);
9
10     printf("Enter elements of the array:
11 ");
12     for(i=0; i<size; i++)
13     {
14         scanf("%d", &arr[i]);
15         sum = sum + arr[i];
16     }
17
18     printf("
19 Sum of all elements of array = %d", sum);
20
21     return 0;
22 }
```