

```
1  #include <stdio.h>
2
3  #define NUM_ELEMENTS 10
4
5  int main(void)
6  {
7      //variable declarations
8      int iArray[NUM_ELEMENTS];
9      int i, num, sum = 0;
10
11     //code
12     printf("\n\n");
13     printf("Enter Integer Elements For Array : \n\n");
14     for (i = 0; i < NUM_ELEMENTS; i++)
15     {
16         scanf("%d", &num);
17         iArray[i] = num;
18     }
19
20     for (i = 0; i < NUM_ELEMENTS; i++)
21     {
22         sum = sum + iArray[i];
23     }
24
25     printf("\n\n");
26     printf("Sum Of ALL Elements Of Array = %d\n\n", sum);
27
28     return(0);
29 }
30
31
```