

Solution Code



```
/* C program to find sum of all elements of an array */
```

```
#include <stdio.h>
```

```
#define MAX_SIZE 100
```

```
int main(){
```

```
    int arr[MAX_SIZE];
```

```
    int i, n, sum=0;
```

```
    printf("Enter size of the array: ");
```

```
    scanf("%d", &n);
```

```
    printf("\nEnter %d elements in the array: \n", n);
```

```
    for(i=0; i<n; i++) {
```

```
        printf("\nEnter %d element in the array: ", i+1);
```

```
        scanf("%d", &arr[i]);
```

```
    }
```

```
    for(i=0; i<n; i++)
```

```
    {
```

```
        sum = sum + arr[i];
```

```
    }
```

```
    printf("\nSum of all elements of array = %d \n", sum);
```

```
    return 0;
```

```
}
```