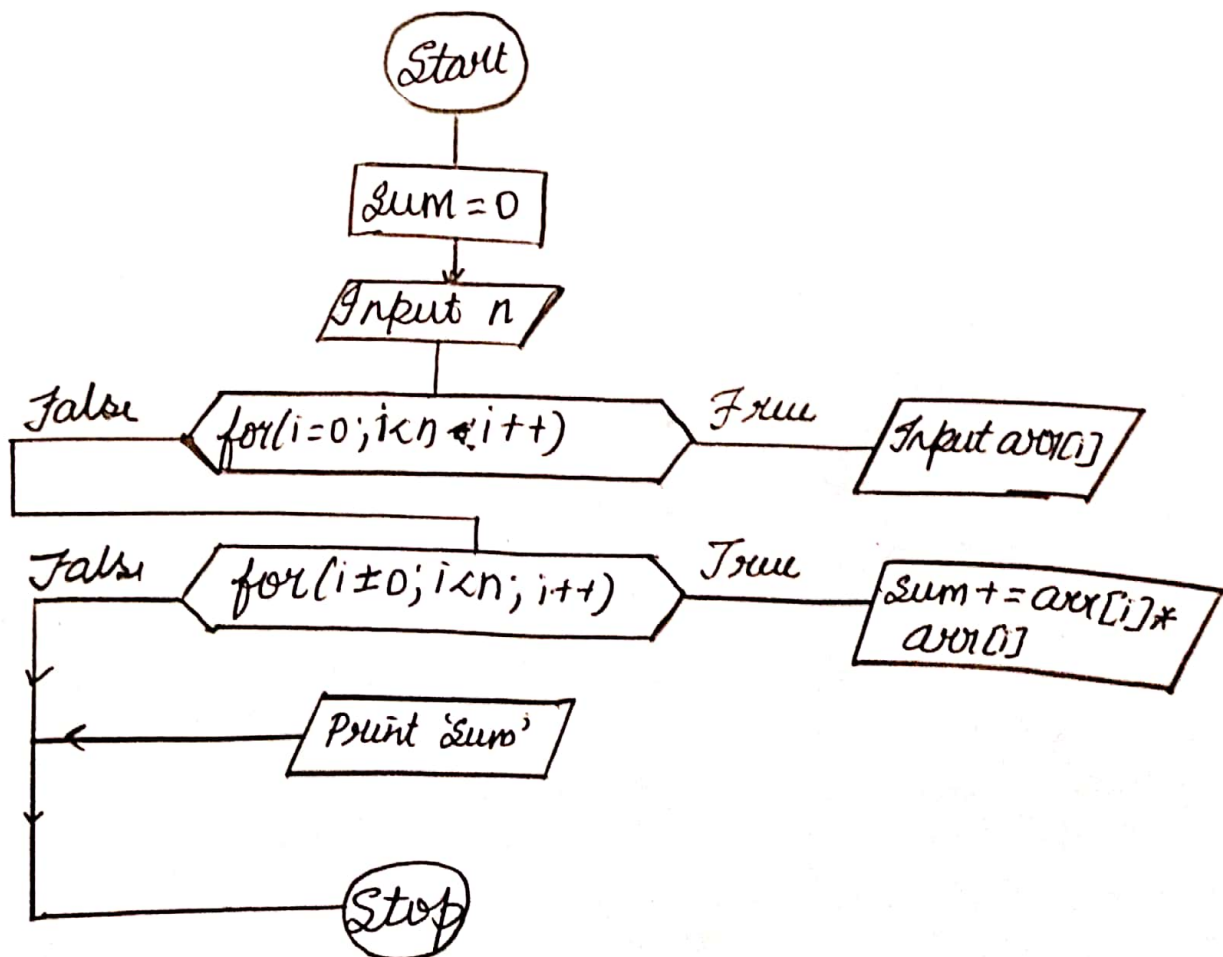


Algorithm

1. Start
2. Read n
3. Repeat 3.1
 - 3.1 $\text{for}(i=0; i < n; i++)$
 - 3.1.1 ^{Input} ~~Read~~ $\text{arr}[i]$
4. Repeat 4.1
 - 4.1 $\text{for}(i=0; i < n; i++)$
 - 4.1.1 $\text{Sum} += \text{arr}[i] * \text{arr}[i]$
5. ~~Print~~ Print 'Sum'
6. Stop

Flow chart



C (gcc 6.3)



Code gets autosaved every second

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

0.0

Open File



Custom Input

5
11 12 13 14 15

Status Successfully executed Date 2020-06-10 08:24:41 Time 0 sec Mem

Input

5
11 12 13 14 15

Output

Enter the size of the array:
Enter the 5 elements of array
Sum is 855