

```
4   int a[10], Size, i, Smallest, Position;
5
6   printf("\nPlease Enter the size of an array \n");
7   scanf("%d",&Size);
8
9   printf("\nPlease Enter %d elements of an array: \n", Size);
10  for(i=0; i<Size; i++)
11  {
12      scanf("%d",&a[i]);
13  }
14
15  Smallest = a[0];
16  for(i=1; i<Size; i++)
17  {
18      if(Smallest > a[i])
19      {
20          Smallest = a[i];
21          Position = i;
22      }
23  }
24
25  printf("\nSmallest element in an Array = %d", Smallest);
26  printf("\nIndex position of the Smallest element = %d", Position);
27
28  return 0;
29
```

Abort Compilation

Compilation results...

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Purushotham\Documents\smallest element.exe
- Output Size: 150.02734375 KiB
- Compilation Time: 0.20s
```

