

Lab 29

```
1  #include <stdio.h>
2  main()
3  {
4      float first1D[10], second1D[10], third1D[10];
5      int i, size = 10, run = 0;
6      char finish = 'y';
7      while (finish == 'y')
8      {
9          for (i = 0; i < size; i++)
10         {
11             first1D[i] = 0;
12             second1D[i] = 0;
13         }
14         printf("Enter number in first array (10 number)\n");
15         for (i = 0; i < size; i++)
16         {
17             printf("First[%d] : ", i);
18             scanf("%f", &first1D[i]);
19         }
20         printf("\nEnter number in second array (10 number)\n");
21         for (i = 0; i < size; i++)
22         {
23             printf("Second[%d] : ", i);
24             scanf("%f", &second1D[i]);
25         }
26
27         for (i = 0; i < size; i++)
28         {
```

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29     third1D[i] = first1D[i] + second1D[i];
30 }
31 printf("\nSum Array Result is  \n");
32 for (i = 0; i < size; i++)
33 {
34     printf("\nSumArr[%d] : ", i);
35     printf(" %.2f ", third1D[i]);
36     printf("\n");
37 }
38 run = 1;
39 while (run == 1)
40 {
41     printf("\n\nContinue Program ? (y/N) : ");
42     scanf(" %c", &finish);
43     if (finish == 'y' || finish == 'N')
44     {
45         run = 0;
46     }
47     else
48     {
49         printf("Enter only \" y \" or \"N\"");
50     }
51 }
52 if (finish == 'N')
53 {
54     printf("\nEnd Program\n\n");
55 }
56 }
57 }
```