

```
1 #include <stdio.h>
2 int main()
3 {
4     int arr1[3][3], arr2[3][3], sum[3][3], i, j;
5     for (i = 0; i < 3; i++)
6     {
7         printf("Row %d initiates\n", i);
8         for (j = 0; j < 3; j++)
9         {
10             printf("Enter the element %d: ", j);
11             scanf("%d", &arr1[i][j]);
12         }
13         printf("\n");
14     }
15
16     printf("Array 2 Begins\n ");
17     for (i = 0; i < 3; i++)
18     {
19         printf("Row %d initiates\n", i);
20         for (j = 0; j < 3; j++)
21         {
22             printf("Enter the element %d: ", j);
23             scanf("%d", &arr2[i][j]);
24         }
25         printf("\n");
26     }
27
28     for (i = 0; i < 3; i++)
29     {
30         for (j = 0; j < 3; j++)
31         {
32             sum[i][j] = arr1[i][j] + arr2[i][j];
33         }
34     }
35
36     printf("\n");
37
38     printf("The Sum Of the 2 2D array is :\n");
39
40 }
```

```
13     printf("\n");
14
15     printf("Array 2 Begins\n ");
16     for (i = 0; i < 3; i++)
17     {
18         printf("Row %d initiates\n", i);
19         for (j = 0; j < 3; j++)
20         {
21             printf("Enter the element %d: ", j);
22             scanf("%d", &arr2[i][j]);
23         }
24         printf("\n");
25     }
26
27     for (i = 0; i < 3; i++)
28     {
29         for (j = 0; j < 3; j++)
30         {
31             sum[i][j] = arr1[i][j] + arr2[i][j];
32         }
33     }
34
35     printf("\n");
36
37     printf("The Sum Of the 2 2D array is :\n");
38
39     for (i = 0; i < 3; i++)
40     {
41         for (j = 0; j < 3; j++)
42         {
43             printf("%d", sum[i][j]);
44             printf(" ");
45         }
46         printf("\n");
47     }
48
49     printf("\n");
50
51 }
```

