

```

1  #include <stdio.h>
2  int main()
3  {
4      int m,n;
5      int i,j;
6      printf("Please enter size of row and column:");
7      scanf("%d%d",&m,&n);
8      int x[m][n],y[m][n],z[m][n];
9      printf("Enter the value for the array X :\n");
10     for(i=0;i<m;i++)
11     {
12         for(j=0;j<n;j++)
13         {
14             scanf("%d",&x[i][j]);
15         }
16     }
17
18     printf("Enter the value for the array Y :\n");
19     for(i=0;i<m;i++)
20     {
21         for(j=0;j<n;j++)
22         {
23             scanf("%d",&y[i][j]);
24             z[i][j]=x[i][j]+y[i][j];
25         }
26     }
27
28     printf("The elements of the array Z are :\n");
29     for(i=0;i<m;i++)
30     {
31         for(j=0;j<n;j++)
32         {
33             printf("%d ",z[i][j]);
34         }
35         printf("\n");
36     }
37     return 0;
38
39 }

```