```
#include <stdio.h>
void main() {
    int a[3][5], b[5][5], m1, n1, m2, n2, i, j;
    clrscr();
    printf("Enter the size of the first matrix in the
form of rows and columns ");
    scanf("%d %d", &m1, &n1);
    printf("\nEnter the size of the second matrix in the
form of rows and columns ");
    scanf("%d %d", &m2, &n2);
    if (m1 != m2 || n1 != n2) {
    printf("\n The matrices of the given size cant be
        added");
    getch();
    exit();
    }
    printf("\n Enter %d matrix elements\n", m1*n1);
    for(i=0; i<m1; i++)
    for(j=0; j<n1; j++)
    scanf("%d", &a[i][j]);
    printf("\nEnter %d matrix elements\n", m2*n2);
    for(i=0; i<m2; i++)
    for(j=0; j<n2; j++)
    scanf("%d", &b[i][j]);
    printf("\n\n The elements of the first matrix is");
    for(i=0; i<m1; i++) {
      printf("\n");
    for(j=0; j<n1; j++)
    printf("%d\t", a[i][j]);
    }
```

```
printf("\n\n The elements of the second matrix is:");
for(i=0; i<m2; i++){
 printf("\n");
 for(j=0; j<n2; j++)
 printf("%d\t", b[i][j]);
}
printf("\n\n The sum of the two given matrices is:");
for(i=0; i<m1; i++)
printf("\n");
for(j=0; j<n1; j++){
  a[i][j] += b[i][j];
printf("%d\t", a[i][j]);
}
}
getch();
}
```