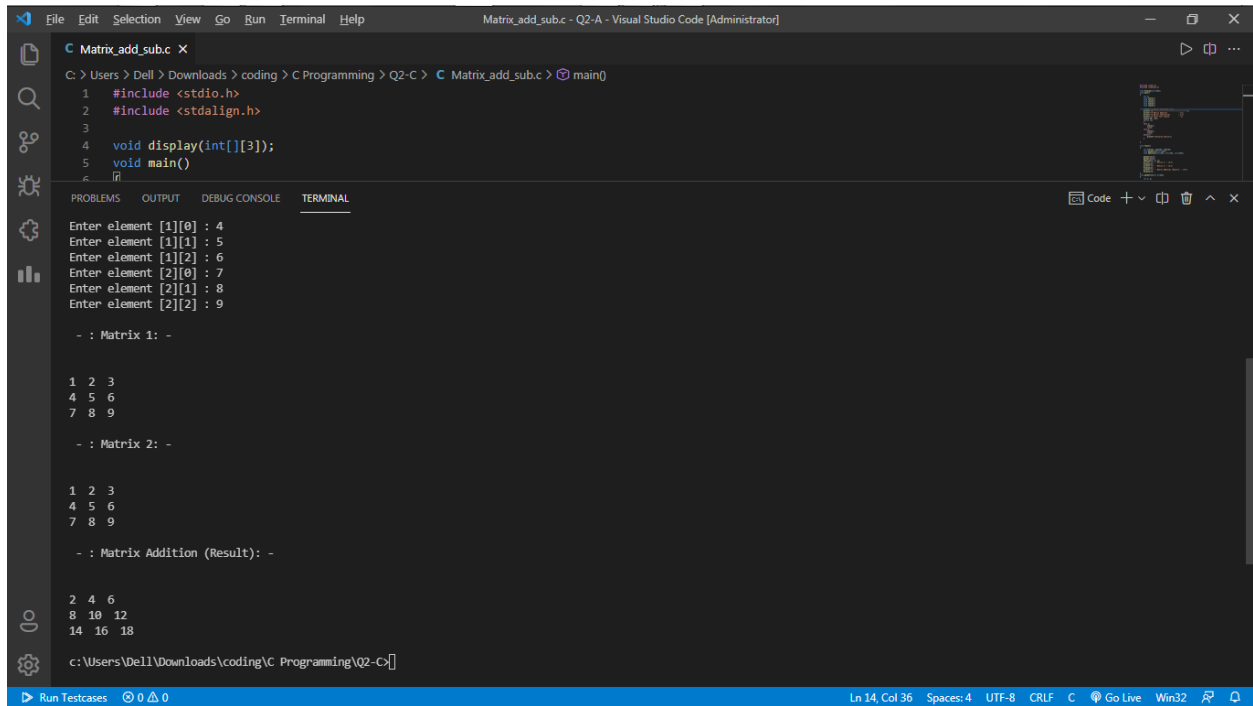


# Outputs for Q2)C)

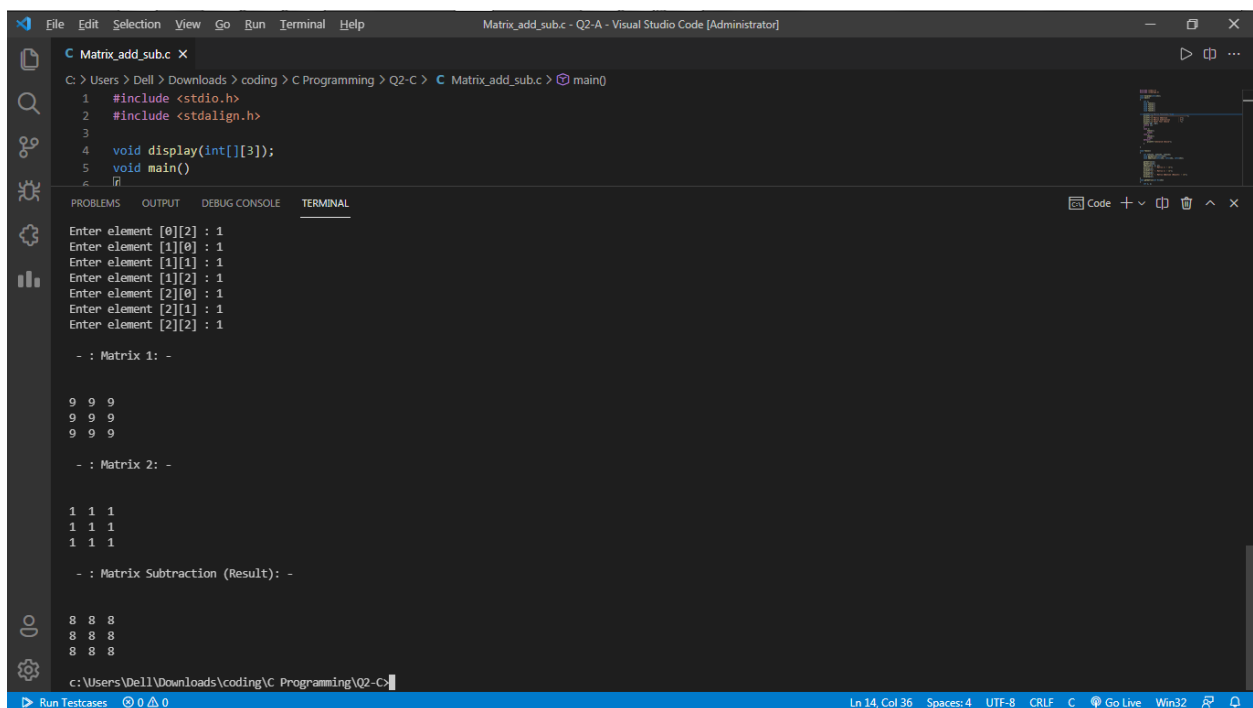
## Matrix Addition



```
File Edit Selection View Go Run Terminal Help
Matrix_add_sub.c - Q2-A - Visual Studio Code [Administrator]

C Matrix_add_sub.c X
C:\Users> Dell > Downloads > coding > C Programming > Q2-C > C Matrix_add_sub.c > main()
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 void display(int[][3]);
5 void main()
6 {
7     int a[3][3], b[3][3], c[3][3];
8     printf("Enter element [1][0] : 4\n");
9     printf("Enter element [1][1] : 5\n");
10    printf("Enter element [1][2] : 6\n");
11    printf("Enter element [2][0] : 7\n");
12    printf("Enter element [2][1] : 8\n");
13    printf("Enter element [2][2] : 9\n");
14
15    printf("\n - : Matrix 1: -\n");
16
17    printf("1 2 3\n");
18    printf("4 5 6\n");
19    printf("7 8 9\n");
20
21    printf("\n - : Matrix 2: -\n");
22
23    printf("1 2 3\n");
24    printf("4 5 6\n");
25    printf("7 8 9\n");
26
27    printf("\n - : Matrix Addition (Result): -\n");
28
29    printf("2 4 6\n");
30    printf("8 10 12\n");
31    printf("14 16 18\n");
32
33    system("pause");
34}
```

## Matrix Subtraction



```
File Edit Selection View Go Run Terminal Help
Matrix_add_sub.c - Q2-A - Visual Studio Code [Administrator]

C Matrix_add_sub.c X
C:\Users> Dell > Downloads > coding > C Programming > Q2-C > C Matrix_add_sub.c > main()
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 void display(int[][3]);
5 void main()
6 {
7     int a[3][3], b[3][3], c[3][3];
8     printf("Enter element [0][2] : 1\n");
9     printf("Enter element [1][0] : 1\n");
10    printf("Enter element [1][1] : 1\n");
11    printf("Enter element [1][2] : 1\n");
12    printf("Enter element [2][0] : 1\n");
13    printf("Enter element [2][1] : 1\n");
14    printf("Enter element [2][2] : 1\n");
15
16    printf("\n - : Matrix 1: -\n");
17
18    printf("9 9 9\n");
19    printf("9 9 9\n");
20    printf("9 9 9\n");
21
22    printf("\n - : Matrix 2: -\n");
23
24    printf("1 1 1\n");
25    printf("1 1 1\n");
26    printf("1 1 1\n");
27
28    printf("\n - : Matrix Subtraction (Result): -\n");
29
30    printf("8 8 8\n");
31    printf("8 8 8\n");
32    printf("8 8 8\n");
33
34    system("pause");
35}
```