

```

1  #include<stdio.h>
2  #include<stdlib.h>
3  int main(){
4  int a[10][10],b[10][10],mul[10][10],r,c,i,j,k;
5  system("cls");
6  printf("enter the number of row=");
7  scanf("%d",&r);
8  printf("enter the number of column=");
9  scanf("%d",&c);
10 printf("enter the first matrix element=\n");
11 for(i=0;i<r;i++)
12 {
13     for(j=0;j<c;j++)
14     {
15         scanf("%d",&a[i][j]);
16     }
17 }
18 printf("enter the second matrix element=\n");
19 for(i=0;i<r;i++)
20 {
21     for(j=0;j<c;j++)
22     {
23         scanf("%d",&b[i][j]);
24     }
25 }
26
27 printf("multiply of the matrix=\n");
28 for(i=0;i<r;i++)
29 {

```

```
(globals)
matrix multiplication.cpp
1  C:\Users\DELL\Documents\matrix multiplication.exe
2
3 enter the number of row=2
4 enter the number of column=2
5 enter the first matrix element=
6 1 1
7 2 2
8 enter the second matrix element=
9 1 1
10 2 2
11 multiply of the matrix=
12 3 3
13 6 6
14 -----
15 Process exited after 12.16 seconds with return value 0
16 Press any key to continue . . .
17
18
19
20
21
22
23
24
25
26
27
28
29
```

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