**Practical : 7**

**Code :**

#include<stdio.h>

#include<stdlib.h>

int main(){

int i,j , m1 , n1, m2,n2;

printf("Enter the row and column for matrix1 : ");

scanf("%d%d", &m1,&n1);

int a[m1][n1];

printf("Enter the row and column for matrix2 : ");

scanf("%d%d", &m2,&n2);

int b[m2][n2];

int c[m1][m2];

if (m1 == m2 & n1 == n2){

for(i=0;i<m1;i++){

for(j=0;j<n1;j++){

printf("Enter the element a%d%d : ",i+1,j+1);

scanf("%d",&a[i][j]);

printf("Enter the element b%d%d : ",i+1,j+1);

scanf("%d",&b[i][j]);

c[i][j] = a[i][j] + b[i][j];

}

}

for(i=0;i<m1;i++){

for(j=0;j<n1;j++){

printf("%d\t",c[i][j]);

}

printf("\n");

}

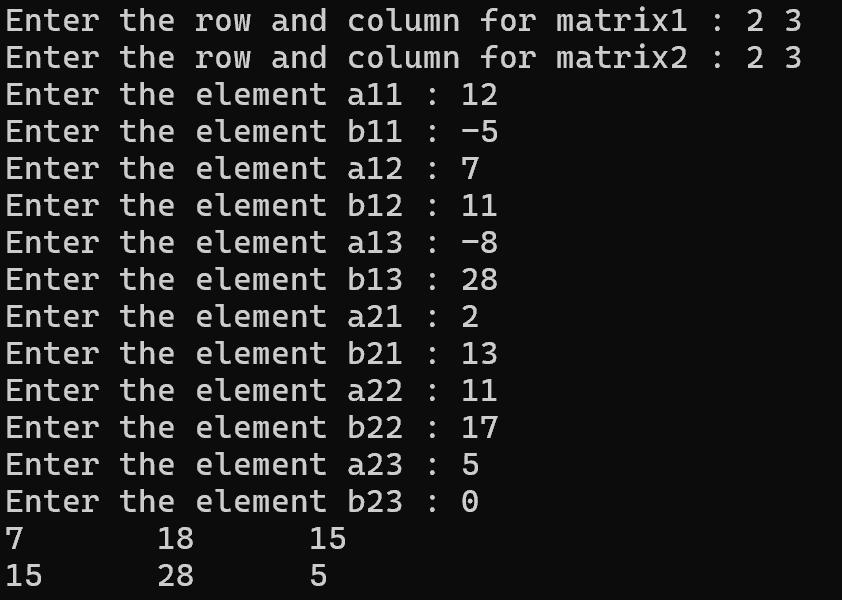
}

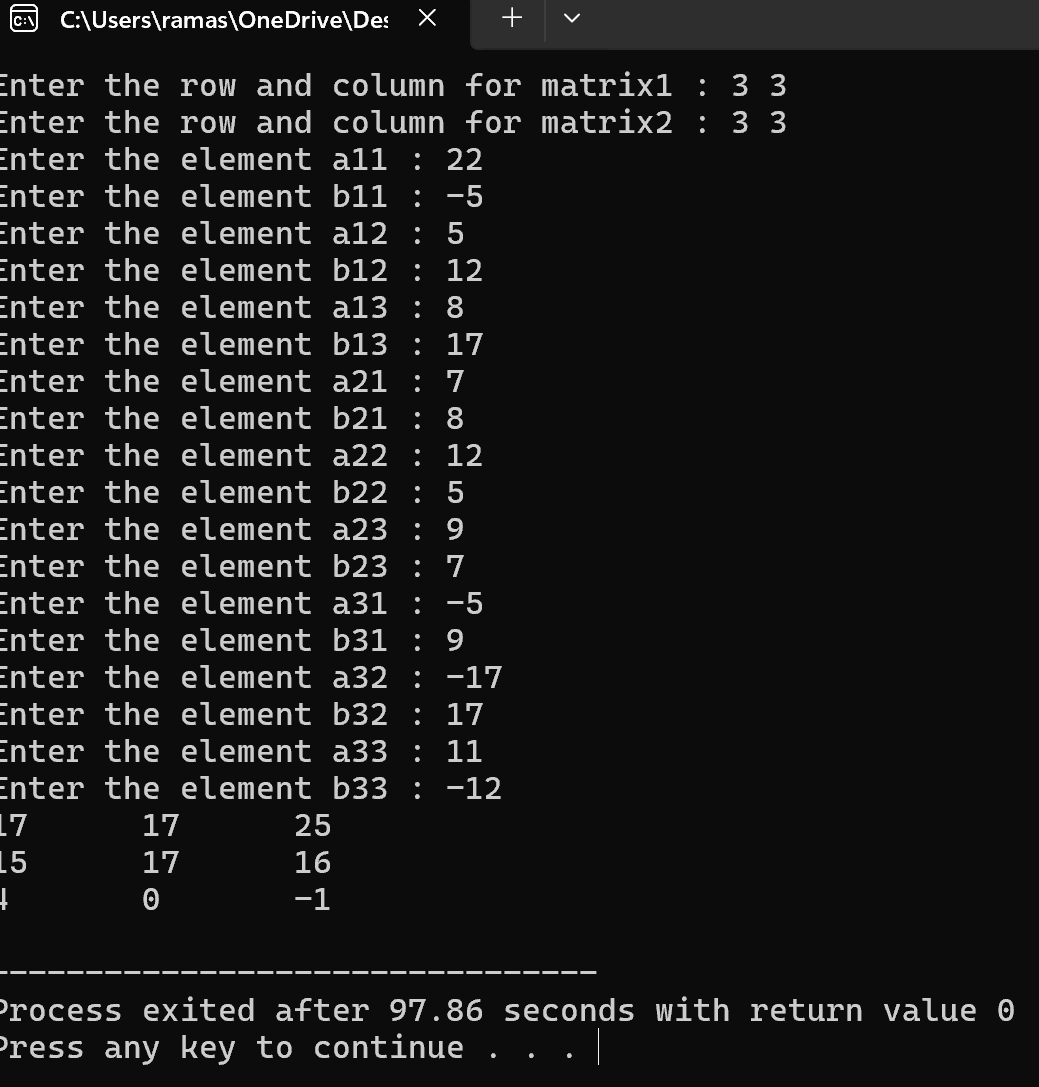
else{

printf("Error");

}

**Output :**

}****

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