

PROGRAM

```
#include<stdio.h>
#include<conio.h>
int main(){
int A[3][3], B[3][3], C[3][3];
int i,j;
clrscr();
printf("Enter elements of matrix A \n");
for(i=0; i<3; i++){
for(j=0; j<3; j++){
printf("Enter element A[%d][%d] : ",i,j);
scanf("%d",&A[i][j]);
}
}
printf("Enter elements of matrix B \n");
for(i=0; i<3; i++){
for(j=0; j<3; j++){
printf("Enter element B[%d][%d] : ",i,j);
scanf("%d",&B[i][j]);
}
}
for(i=0; i<3;i++){
for(j=0; j<3;j++){
C[i][j] = A[i][j] + B[i][j];
}
}
for(i=0; i<3;i++){
for(j=0; j<3;j++){
printf("%d \t",C[i][j]);
}
printf("\n");
}
getch();
return 0;
}
```

OUTPUT

Enter elements of matrix A

Enter element A[0][0] : 1

Enter element A[0][1] : 2

Enter element A[0][2] : 4

Enter element A[1][0] : 3

Enter element A[1][1] : 5

Enter element A[1][2] : 4

Enter element A[2][0] : 5

Enter element A[2][1] : 8

Enter element A[2][2] : 5

Enter elements of matrix B

Enter element B[0][0] : 6

Enter element B[0][1] : 2

Enter element B[0][2] : 3

Enter element B[1][0] : 4

Enter element B[1][1] : 2

Enter element B[1][2] : 3

Enter element B[2][0] : 1

Enter element B[2][1] : 2

Enter element B[2][2] : 3

7 4 7

7 7 7

6 10 8

PS C:\turbo3\bin\project\assignment> █