**Practical 07**

**Question 01**

#include <stdio.h>

#include <stdlib.h>

int main()

{

int matrix1[3][3] = {

{3, 2, 4},

{1, 4, 6},

{4, 3, 2}

};

int matrix2[3][3] = {

{2, 6, 3},

{4, 3, 2},

{5, 1, 7}

};

// result matrix to store the sum

int result[3][3];

// Calculate the sum of the matrices

for (int i= 0; i< 3;i++)

{

for (int j=0; j <3;j++)

{

result[i][j]= matrix1[i][j]+ matrix2[i][j];

}

}

printf("Matrix Sum:\n");

for (int i=0;i<3;i++)

{

for (int j= 0;j < 3;j++)

{

printf("%d ",result[i][j]);

}

printf("\n");

}

return 0;

}