***Practical 7***

1. #include <stdio.h>

#include <stdlib.h>

int main()

{

//declare two 3\*3 squre matrics

int matrix1 [3][3], matrix2[3][3],summatrix[3][3];

//initialize the first matrix

matrix1 [0][0] = 3;

matrix1 [0][1] = 2;

matrix1 [0][2] = 4;

matrix1 [1][0] = 1;

matrix1 [1][1] = 4;

matrix1 [1][2] = 6;

matrix1 [2][0] = 4;

matrix1 [2][1] = 3;

matrix1 [2][2] = 2;

//initialize the second matrix

matrix1 [0][0] = 2;

matrix1 [0][1] = 6;

matrix1 [0][2] = 3;

matrix1 [1][0] = 4;

matrix1 [1][1] = 3;

matrix1 [1][2] = 2;

matrix1 [2][0] = 5;

matrix1 [2][1] = 1;

matrix1 [2][2] = 7;

//calculation the sum of the two matrices

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

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

sum matrix[i][j]=matrix1[i][j]+matrix[i][j];

}

}

//print the sum matrix

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

for (intj=0; j<3; j++){

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

}

printf("\n");

}

return 0;

}