

OUTPUT FILE:

C:\Users\DELL\source\repos\matrix functions\Debug\matrix functions.exe

ENTER THE FILE NAME FOR ACCESSING ROWS AND COLUMN
detail.txt

THE ROW NUMBER IS 4
THE COLUMN NUMBER IS 3
RANDOMLY GENERATED MATRIX :

MATRIX :
42 68 15
21 50 45
39 79 3
65 26 66

ENTER FILE NAME FOR GENERATING MATRIX: Num_file.txt

MATRIX CONSTRUCTED FROM USERS FILE:

MATRIX :
12 13 14
15 16 17
18 19 20
21 22 23

.....MATRIX_CALCULATOR.....
PRESS 1 FOR ADDITION
PRESS 2 FOR SUBTRACTION
PRESS 3 FOR MULTIPLICATION
PRESS 4 FOR TRNAsPOSE OF MATRIX 1
PRESS 5 FOR TRNAsPOSE OF MATRIX 2
PRESS 6 FOR EXIT

Matrix After Addition

```

.....MATRIX_CALCULATOR.....
PRESS 1 FOR ADDITION
PRESS 2 FOR SUBTRACTION
PRESS 3 FOR MULTIPLICATION
PRESS 4 FOR TRNASPOSE OF MATRIX 1
PRESS 5 FOR TRNASPOSE OF MATRIX 2
PRESS 6 FOR EXIT
2_

```

```
..MATRIX_CALCULATOR..
PRESS 1 FOR ADDITION
PRESS 2 FOR SUBTRACTION
PRESS 3 FOR MULTIPLICATION
PRESS 4 FOR TRNASPOSE OF MATRIX 1
PRESS 5 FOR TRNASPOSE OF MATRIX 2
PRESS 6 FOR EXIT
2
```

Matrix After Subtraction

```
MATRIX :
-30 -55 -1
-6 -34 -28
-21 -60 17
-44 -4 -43
```

```
..MATRIX_CALCULATOR..
PRESS 1 FOR ADDITION
PRESS 2 FOR SUBTRACTION
PRESS 3 FOR MULTIPLICATION
PRESS 4 FOR TRNASPOSE OF MATRIX 1
PRESS 5 FOR TRNASPOSE OF MATRIX 2
PRESS 6 FOR EXIT
2
```

```
..MATRIX_CALCULATOR..
PRESS 1 FOR ADDITION
PRESS 2 FOR SUBTRACTION
PRESS 3 FOR MULTIPLICATION
PRESS 4 FOR TRNASPOSE OF MATRIX 1
PRESS 5 FOR TRNASPOSE OF MATRIX 2
PRESS 6 FOR EXIT
3
```

Matrix After Multiplication

Entre Column for Second Matrix :2

Entre Row for Second Matrix :2

LOGIC ERROR!...RE-ENTRE THE ROW AND COLUMN FOR SECOND MATRIX

Entre Column for Second Matrix :_

```

Matrix After Multiplication
Entre Column for Second Matrix :2
Entre Row for Second Matrix :2
LOGIC ERROR!...RE-ENTRE THE ROW AND COLUMN FOR SECOND MATRIX
Entre Column for Second Matrix :3

Entre Row for Second Matrix :3
RANDOMLY GENERATED MATRIX :

MATRIX :
2 28 42
12 36 23
28 77 72

MATRIX :
572 1882 1811
698 2305 2222
824 2728 2633
950 3151 3044

.....MATRIX_CALCULATOR.....
PRESS 1 FOR ADDITION
PRESS 2 FOR SUBTRACTION
PRESS 3 FOR MULTIPLICATION
PRESS 4 FOR TRNASPOSE OF MATRIX 1
PRESS 5 FOR TRNASPOSE OF MATRIX 2
PRESS 6 FOR EXIT

```

```

.....MATRIX_CALCULATOR.....
PRESS 1 FOR ADDITION
PRESS 2 FOR SUBTRACTION
PRESS 3 FOR MULTIPLICATION
PRESS 4 FOR TRNASPOSE OF MATRIX 1
PRESS 5 FOR TRNASPOSE OF MATRIX 2
PRESS 6 FOR EXIT
4

Transpose Of Matrix:1

MATRIX :
12 15 18 21
13 16 19 22
14 17 20 23

.....MATRIX_CALCULATOR.....
PRESS 1 FOR ADDITION

```

Transpose Of Matrix:2

MATRIX :
42 21 39 65
68 50 79 26
15 45 3 66

.....MATRIX_CALCULATOR.....

PRESS 1 FOR ADDITION

PRESS 2 FOR SUBTRACTION

PRESS 3 FOR MULTIPLICATION

PRESS 4 FOR TRNASPOSE OF MATRIX 1

PRESS 5 FOR TRNASPOSE OF MATRIX 2

PRESS 6 FOR EXIT

6

C:\Users\DELL\source\repos\matrix functions\Debug\matrix functions.exe (process 23540) exited with code 0.
Press any key to close this window . . .