

Practice 1

Please and do the matrix transpose or matrix multiplication. The inputs describe as follow in figure 1 and figure 2. If the key word shows “Matrix_Transpose”, you should do the action of matrix transpose. If the key word shows “Matrix_Multiplication”, you should do the action of matrix multiplication. Note that the input files while do the multiplication should have two matrixes description but transpose only have one matrix inside. You should write only one program for this practice, so you must take care to handle this situation.

```
Matrix_Transpose
Name : A
1 2 3 ;
4 5 6 ;
7 5 9 ;
End_Matrix_Transpose
```

Figure 1: Matrix Transpose.

```
Matrix_Multiplication
Name : A1
1 2 3 ;
4 5 6 ;
7 5 9 ;
Name : B1
2 2 3 ;
4 5 5 ;
8 8 7 ;
End_Matrix_Multiplication
```

Figure 2: Matrix Transpose.