

Assignment 6 (Sparse Matrix Addition)
SY (Computer Engineering and IT)
COEP

1. Matrix1.txt and Matrix2.txt are text files containing no of rows, no of columns, and sparse matrix in following format:

```
4
3
0 0 0
1 0 2
0 6 1
7 0 0
```

2. Write a C code to read the text files and create linked lists (one for each matrix) of Nodes, where each Node has following members:

Row number	Column number	Data	Pointer to next Node
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Perform addition and subtraction of the Matrices and store result in MatrixSum.txt and MatrixDiff.txt text files.

The assignment should have following files: List.h, List.c, main.c
Use names of the text files exactly as given in the problem statement.
Do not upload text files.