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```
Reading Matrix A
Enter number of rows, columns
3 4
Enter number of terms in row 1
1
Enter element's column, and value of each term in row 1
1 321
Enter number of terms in row 2
2
Enter element's column, and value of each term in row 2
2 444 3 500
Enter number of terms in row 3
0

Matrix A:
rows = 3 columns = 4
row 1[ col:1 val= 321]
row 2[ col:2 val= 444, col:3 val= 500]
row 3[]

Reading Matrix B
Enter number of rows, columns
3 4
Enter number of terms in row 1
1
Enter element's column, and value of each term in row 1
1 1
Enter number of terms in row 2
1
Enter element's column, and value of each term in row 2
3 1
Enter number of terms in row 3
0

Matrix B, the boolean mask matrix:
rows = 3 columns = 4
row 1[ col:1 val= 1]
row 2[ col:3 val= 1]
row 3[]

Matrix C, result:
rows = 3 columns = 4
row 1[ col:1 val= 321]
row 2[ col:3 val= 500]
row 3[]
```