**Algorithm**

1. Start
2. Declaration of array arr and arr2
3. Taking input of elements of the 1st array and the 2nd Array
4. If the total no. of zero elements of the matrix is greater than (rows\*columns)/2 the matrix is a sparse matrix.
5. Else the matrix is not a sparse matrix.
6. Now the addition of the two matrices.
7. The output of the added matrices
8. Now the difference between the two matrices
9. The output of the subtracted matrices
10. Stop

**FLOW CHART**



