



- Transpose of a matrix.
- Result of addition, subtraction and multiplication of both matrix.

2-dimensional array -

- Write theory 2-D array.

Explain split function and Numpy library

- Matrix operations (explain each operation in detail with example).

• Addition

• Subtraction

• Multiplication

• Transpose of matrix

Algorithm:

1. Start

2. Input number of rows and columns of first matrix

3. Input elements of first matrix

4. Input number of rows and columns of second matrix

5. ~~Input elements of second matrix~~

template < class type > class class-name {

Here, type is the placeholder type name, which will be specified when a class is instantiated. You can define more than one generic data type using a comma-separated list.

Algorithm:

1. Create template template <typename>
2. Create a function to perform sorting.
void sort (T* const array, int size) {
3. Create a function to display array.
void printarray (T* const array, int size)

Conclusion:

Flowchart.

