ALGORITHM

• Step-1 :- START  
• Step-2 :- Create a class named as "EqMat".

• Srep-3 :- Create a parameterized constructor to initialize the instance variable int m, n and a[][] with mm, nn and a[][] with m and n.

• Step-4 :- Create a void method "readArray()" to input the elements of the arrays.

• Step-5 :- Create a boolean method "check(EqMat p, EqMat q)" to check if the elements of the array are equal or not.

• Step-6 :- Create a void method "print()" to print a matrix.

• Step-7 :- Create the "main" to user input the rows and columns for the matrixes and create two object for two matrixes and take input in those two matrix and print both matrixes and check if they are equal or not and print a appropriate message.

• Step-8 :- END

VD TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Variable | Data Type | Description |
| 1  2  3 | m  n  mm | int  int  int | Store the no. of rows  Store the no. of columns  Constructor parameter for no. of rows  Constructor parameter for no. of columns  Array to store the matrix of m rows and n columns  Looping variable in  readArray(), check(EqMat p, EqMat q), and print()  Looping variable in  readArray(), check(EqMat p, EqMat q), and print()  Store the user input of rows Store the user input of  columns |
| 4 | nn | int |
| 5 | a[][] | int |
| 6 | i | int |
| 7 | j | int |
| 8  9 | rows  columns | int  int |

OUTPUT

