```
A lgorithm
```

- 1. ent start 2. Read m and n
- 3. Repeat 3.1

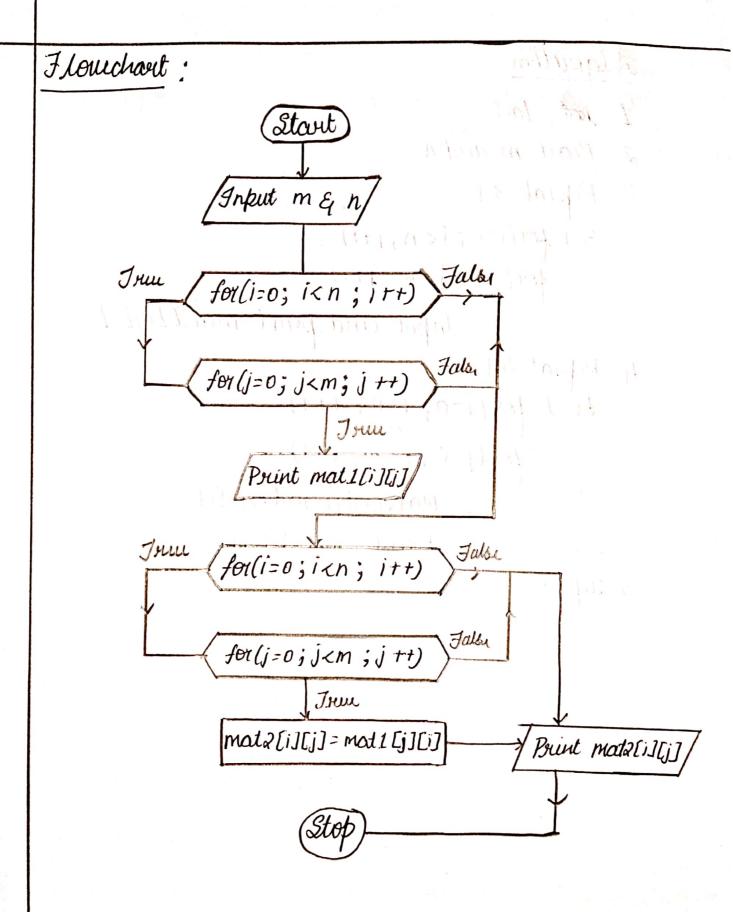
Input and point mat 1 [i][j]

Repeat 4-1

mata[i][j]=mal][j][i]

Print malacistis]

5. step .



```
#include<stdio.h>
     int main()
  3 {
          int mat1[10][10],mat2[10][10],m,n,i,j;
         printf("Enter the size of the row:\n");
         scanf("%d", &n);
printf("Enter the size of the column:\n");
         scanf("%d", &m);
         printf("Enter the elements of the matrix:\n");
 10
          for(i=0;i<n;i++)
 11 -
              for(j=0;j<m;j++)
 12
 13 -
                   scanf("%d", &mat1[i][j]);
 14
                   printf("%d\t", mat1[i][j]);
 15
 16
              printf("\n");
 18
         printf("The transpose of the matrix is:\n");
 19
 20
          for(i=0;i<n;i++)
 21 -
          {
              for(j=0;j<m;j++)
 22
0:0
```

Open File

Custom Input

```
3 3
2 3 5 6 6 5 2 6 4
```

Status Successfully executed Date 2020-06-13 11:49:50 Time O sec

Input

```
3 3
2 3 5 6 6 5 2 6 4
```

Output

```
2
    3
        5
        5
    6
6
2
    6
The transpose of the matrix is:
2
    6
        2
3
    6
        6
5
    5
        4
```