

CODE :

```
#include <iostream>

using namespace std;

int main()
{
    int a[100][100];

    int m,n,sm=0;

    cin>>m>>n;

    for(int i=0;i<m;i++)
    {
        for(int j=0;j<n;j++)
        {
            cin>>a[i][j];

            if(a[i][j]==0)
            {
                sm++;
            }
        }
    }

    if(sm>(m*n)/2)
    {
        for(int i=0;i<m;i++)
        {
            for(int j=0;j<n;j++)
            {
```

```

        cout<<a[i][j]<<" ";

    }

    cout<<"\n";

}

}

else

{

    cout<<"The given matrix is not sparse matrix";

}

return 0;

}

```

OUTPUT :

```

2 3
0 3 0 0 0 6
0 3 0
0 0 6

...Program finished with exit code 0
Press ENTER to exit console.

```

```

2 3
2 4 1 0 7 0
The given matrix is not sparse matrix

...Program finished with exit code 0
Press ENTER to exit console.

```