- * Primary and second diagnol sum *
- · Algorithm .

```
Stepl : Start
```

Step2: Read rows and columns.

Step3: Initialise

pdsum = 0

sdsum = 0

Step4: To enter elements

Repeat for (i=0; ix rows; i++)

for (j=0; j<cols; j++)

Read a [i][j]

Step5: Primary diagnol sum,
for(i=0; ix rows; i++)

for(j=0; j < cols; j++)

if(i==j)

Pdsum = Pdsum + a[i][j]

Print pdsum.

with the series taking it a part.

Step 6: Secondary diagnol sum

**Step 6: Secondary diagnol sum

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for (j = ** cols - 1; j 7 = 0; j - -)

spdsum = sdsum + a[i][j]

i++

Print sdsum.

Step 7: Stop

· Flowchart. Start Read rows and cols for (i = 0; ix rows; i++ for(j = 0; j < cols; j + + Read a [i7[j] for(i=0; i<rows; i++ for (j=0; j < cols; j++ (if (i = = j) pdsum = pdsum+aliJljJ Print pasum i=0. for (j = cols -1; j > = 0; j++ edeum = edsum + ali7[j]