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Country: India

State: Kamataka

City: India

Student/Professional: Student

CS Scanned with

Institution: amScannakas institute of Engineering and Technology Kamataka, India

Input

```
2 3
9 8 12
16 5 20
```

Output

```
Enter the number of rows and columns of matrix
2  3
Enter the elements of matrix
9  8  12
16  5  20
The sum of 1 row is 29
The sum of 2 row is 41
```

Input

```
2 3
9 8 12
16 5 20
```

Output

```
The sum of 1 row is 29
The sum of 2 row is 41
The sum of 1 column is 25
The sum of 2 column is 13
The sum of 3 column is 32
```

```
Addition of your and columns of matrix
           Program
 # include Katdio.h>
  int main ()
  int a[20][20], i, j, m, n, saum[20], ceum[20]
      paintf C' Enter, the number of sows and
                    columns of matrix (n");
       scanf ("1.d .l.d", &m, &n);
       Printf (" Enter the elements of matrix (");
        fosciso; izm; itt)
           fog cj =0; j<njj++)
          & scanf c".1.d", Bacij Cj]);
           PRINTECHION);
          forci=oj izmjitt)
            scum[i] = 0;
              for Gi=Os jensjitt)
              2 Asum [i] = Asum [i] +acij[j]
                 printf C' The sum of -1.d sow is 1.d", it! sum []
               Paintforn");
          fog (i=o jixn jitt)
           2
               coum Cij=0;
fog qj=0; jzm; j+1)
                  councija councij +acjj[i];
```

```
paintfc" The sum of 1.1d column is .1.d", it1, asam(1);
     paintfc"h");
   return (a);
                 Algorithm
Stepl-Stont
Step2 - Input min
Step3 - Repeat forcizo; icm; itt)
          Repeat Posci=0; jen;j++)
             Input OCITGIJ
Step4
          Repeat for Ci=0; icm; i+)
             asum [i] = 0
             Repeat for G=Ojj<njj++)
             9. sum[i] = 9. sum[i] + a[i][j]
              CEnd for]
              Output AsumCi]
              CEnd ADQ7
steps - Repeat for Cizo; iknjitt)
              CSUM [1] =0
             Repeal for (j=0; jem; j+t)
             csumCi] = asumCi] + acj]Ci]
              C End for 7
              output csum[i]
              CFnol fos]
Step6 - Stop
```

Flowchast stast Input aciscil 0=1Jm25 (Suma)= Suma +aa) Output Scam Coum[]=0 (Council) = council) +0000 putput com/ Stop Enter the number of sows and columns of matrix 3 Enter the elements of matrix 9 8 12 16 5 20

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The sum of 1900 is 29

The sum of 2900 is 41.

The sum of 1 column is 25

The sum of 2000mn is 13

The sum of 3 column is 32