

Compile Result

Enter elements in matrix of size 3x3
:

1 2 3

4 5 6

7 8 9

Sum of elements of Row 1 = 6

Sum of elements of Row 2 = 15

Sum of elements of Row 3 = 24

Sum of elements of Column 1 = 12

Sum of elements of Column 2 = 15

Sum of elements of Column 3 = 18

[Process completed - press Enter]

Step 1: Start.

Step 2: Declare array size, Initialize $sum = 0$.

Step 3: Read array elements using for loop

Step 4: Condition for Row sum

```
for( $r=0$ ;  $r < size$ ;  $r++$ )
```

```
{ for( $c=0$ ;  $c < size$ ;  $c++$ )
```

```
{  $sum += a[r][c]$ 
```

```
}
```

```
4.1 Print("Row  $sum$ ");
```

```
}
```

Step 5: Condition for Column sum

```
for( $r=0$ ;  $r < size$ ;  $r++$ )
```

```
{ for( $c=0$ ;  $c < size$ ;  $c++$ )
```

```
{  $sum += a[c][r]$ 
```

```
}
```

```
5.1 Print("Column  $sum$ ");
```

```
}
```

Steps:

Stop

Flowchart

