

CAREFULLY & FULLY trace the code below and show the output that displays.

scores


```
int[][] scores = {{100, 200}, {200, 300}, {100, 50}};
```

```
// 1.
```

```
int sum = 0;  
double[] aves = new double[2];
```

row col sum aves

--	--

```
for (int col = 0; col < scores[0].length; col++)  
{  
    for (int row = 0; row < scores.length; row++)  
    {  
        sum += scores[row][col];  
    }  
  
    aves[col] = sum / scores.length;  
    sum = 0;  
}
```

```
for (int i = 0; i < aves.length; i++)  
    System.out.println(aves[i]);
```

```
// What is displayed?
```

```
// 2.
```

```
int min = Integer.MAX_VALUE;
```

min row col

```
for (int row = 1; row < scores.length; row++)  
    for (int col = 0; col < scores[0].length - 1; col++)  
        if (scores[row][col] < min)  
            min = scores[row][col];  
  
System.out.println("min = " + min);
```

```
// What is displayed?
```

```
// 3.
```

```
int[][] numbers = {{1, 0}, {4, 1}, {2, 3}, {1, 4}};  
int[] frequencies = new int[5];
```

row col i

```
for (int row = 0; row < numbers.length; row++)  
    for (int col = 0; col < numbers[row].length; col++)  
        frequencies[numbers[row][col]]++;
```

```
for (int i = 0; i < frequencies.length; i++)  
    System.out.print(frequencies[i] + " ");
```

```
// What is displayed?
```

```
//draw numbers & frequencies arrays here
```