

1-

2-

The image shows a dual-monitor setup. The left monitor displays a terminal window with the following text:

```
strará por pantalla el sueldo medio de cada género.  
2  
Array[0][0]= 10  
Array[0][1]= 20  
Array[0][2]= 30  
Array[0][3]= 40  
Array[0][4]= 50  
Array[0][5]= 60  
Array[0][6]= 70  
Array[0][7]= 80  
Array[0][8]= 90  
Array[0][9]= 100  
Array[1][0]= 10  
Array[1][1]= 20  
Array[1][2]= 30  
Array[1][3]= 40  
Array[1][4]= 50  
Array[1][5]= 60  
Array[1][6]= 70  
Array[1][7]= 80  
Array[1][8]= 90  
Array[1][9]= 100  
Array[2][0]= 10  
Array[2][1]= 20  
Array[2][2]= 30  
Array[2][3]= 40  
Array[2][4]= 50  
Array[2][5]= 60  
Array[2][6]= 70  
Array[2][7]= 80  
Array[2][8]= 90  
Array[2][9]= 100  
Array[3][0]= 10  
Array[3][1]= 20  
Array[3][2]= 30  
Array[3][3]= 40  
Array[3][4]= 50
```

The right monitor displays a code editor with the following Java code:

```
47 for(int row = 0; row < array.length; row++){  
48     for(int columns = 0; columns < array[row].length; columns++){  
49         array[row][columns] = cont;  
50         System.out.println("Array[" + row + "][" + columns + "] = " + array[row][columns]);  
51         cont++;  
52     }  
53 }  
54  
55 wait(2000);  
56 main(null);  
57 }  
58  
59 public static void second(){  
60     int array[][] = new int[10][10];  
61     int cont = 1;  
62  
63     for(int i = 0; i < array.length; i++){  
64  
65         for(int l = 0; l < array[i].length; l++){  
66             array[i][l] = 10 * cont;  
67             cont++;  
68             System.out.println("Array[" + i + "][" + l + "] = " + array[i][l]);  
69         }  
70     }  
71     cont = 1;  
72  
73     wait(2000);  
74     main(null);  
75 }  
76  
77 public static void third(){  
78     Scanner num = new Scanner(System.in);  
79     int cont = 0;  
80  
81     System.out.print("Dame las filas de la matriz: ");  
82     int n = num.nextInt();  
83     System.out.print("Dame las columnas de la matriz: ");  
84     int m = num.nextInt();  
85  
86     int array[][] = new int[n][m];  
87     int[] valores = new int[n*m];  
88     int contm[] = new int[3];  
89  
90     System.out.print("Ahora introduce " + (n*m) + " valores:\n");  
91     for(int i = 0; i < valores.length; i++){  
92  
93
```

3-

```

public static void third(){
    Scanner num = new Scanner(System.in);
    int cont = 0;

    System.out.print("Dame las filas de la matriz: ");
    int n = num.nextInt();
    System.out.print("Dame las columnas de la matriz: ");
    int m = num.nextInt();

    int array[][] = new int[n][m];
    int[] valores = new int[n*m];
    int cont[] = new int[3];

    System.out.print("Ahora introduce " + (n*m) + " valores:\n");

    for(int i = 0; i < array.length; i++){
        int v = num.nextInt();
        valores[i] = v;
    }

    for(int i = 0; i < array.length; i++){
        for(int l = 0; l < array[i].length; l++){
            array[i][l] = valores[cont];
            cont++;

            if(array[i][l] > 0){
                cont[0]++;
            }
            else if(array[i][l] < 0){
                cont[1]++;
            }
            else if(array[i][l] == 0){
                cont[2]++;
            }
        }
    }

    System.out.println("Mayores de 0: " + cont[0]);
    System.out.println("Menores de 0: " + cont[1]);
    System.out.println("Iguales a 0: " + cont[2]);

    wait(2000);
    main(null);
}

```

4-

```

public static void forth(){
    Scanner num = new Scanner(System.in);
    float notas[][] = new float[4][5];
    float min[] = new float[4] {100,100,100,100};
    float max[] = new float[4];
    float media[] = new float[4];

    for(int i = 0; i < notas.length; i++){
        System.out.println("Alumno " + (i + 1));

        for(int l = 0; l < notas[i].length; l++){
            System.out.print("Asignatura " + (l + 1) + ": ");
            notas[i][l] = num.nextFloat();

            if(notas[i][l] > max[i]){
                max[i] = notas[i][l];
            }
            if(notas[i][l] < min[i]){
                min[i] = notas[i][l];
            }
            media[i] += notas[i][l];
        }
    }

    for(int i = 0; i < notas.length; i++){
        System.out.println("Alumno " + (i + 1));

        System.out.println("Nota mínima: " + min[i]);
        System.out.println("Nota máxima: " + max[i]);
        System.out.println("Nota media: " + (media[i] / 5));
    }
}

```