

The screenshot shows an IDE with the following components:

- Project Explorer (Left):** Displays a project structure with folders like 'Source Packages', 'Test Packages', and 'Dependencies'. The file 'SalesCommissions.java' is highlighted under 'com.mycompany.module4inclass'.
- Code Editor (Center):** Shows the source code for 'SalesCommissions.java'. The code uses a Scanner to read input, initializes an array of ranges, and calculates the number of salespeople for each salary range.
- Output Console (Bottom):** Displays the output of the program, showing the salary ranges and the corresponding number of salespeople.

```

18 Scanner user = new Scanner(System.in);
19
20 int[] ranges = new int[9];
21
22 for (int i = 0; i < ranges.length; i++) {
23     ranges[i] = 0;
24 }
25
26 System.out.println("Enter gross sales (-1 to exit): ");
27 double sales = user.nextDouble();
28
29 while (sales != -1) {
30     double salary = 200 + (0.09 * sales);
31     int range = (int) salary / 100;
32
33     if (range > 8) {
34         range = 8;
35     }
36
37     ranges[range]++;
38     System.out.println("Enter gross sales here: ");
39     sales = user.nextDouble();
40 }
41
42 System.out.println("Salary Range\tNumber of Salespeople");
43 for (int i = 0; i < ranges.length; i++) {
44     int lower = (i * 100) + 200;
45     int upper = (i * 100) + 299;
46     if (i == 8) {
47         upper = 1000;
48     }
49     System.out.printf("%d-%d\t\t%d\n", lower, upper, ranges[i]);
50 }
51 }
52 }
53

```

Output:

Salary Range	Number of Salespeople
200-299	0
300-399	0
400-499	11
500-599	0
600-699	0
700-799	1
800-899	1
900-999	0

<https://github.com/ReetzL/Module-4-inclass>