

Assignment 6

(Due date: Friday, 4/17/2009 in class)

| | |
|------------|--------|
| Your name: | Score: |
|------------|--------|

Write a Java program for the following Sales Commissions problem:

- **Print out your source code and staple it together with this paper.**
- **Show the result to the instructor or compress your PROJECT and send the compressed file to the instructor by email.**

(Sales Commissions) Use a one-dimensional array to solve the following problem: A company pays its salespeople on a commission basis. The salespeople receive \$200 per week plus 9% of their gross sales for that week. For example, a salesperson who grosses \$5000 in sales in a week receives \$200 plus 9% of \$5000, or a total of \$650. Write an application (using an array of counters) that determines how many of the salespeople earned salaries in each of the following ranges (assume that each salesperson's salary is truncated to an integer amount):

- a) \$200–299
- b) \$300–399
- c) \$400–499
- d) \$500–599
- e) \$600–699
- f) \$700–799
- g) \$800–899
- h) \$900–999
- i) \$1000 and over