



CSE 215: Programming Language II Lab

Week 3

Take Home Assignment

Suppose the weekly hours for all employees are stored in a two-dimensional array. Each row records an employee's seven-day work hours with seven columns. For example, the following array stores the work hours for eight employees (sample only):

	Su	M	T	W	Th	F	Sa
Employee 0	2	4	3	4	5	8	8
Employee 1	7	3	4	3	3	4	4
Employee 2	3	3	4	3	3	2	2
Employee 3	9	3	4	7	3	4	1
Employee 4	3	5	4	3	6	3	8
Employee 5	3	4	4	6	3	4	4
Employee 6	3	7	4	8	3	8	4
Employee 7	6	3	5	9	2	7	9

Write a static method that returns a single dimensional array that contains the total weekly working hours for each employee.

In your main method, take a 8x7 array (8 = number of employees, 7 = days per week) as user input using Scanner class. Then call the method you defined above with the array and print out the result.

Example:

Enter the weekly working hours for each employee:

2 4 3 4 5 8 8

7 3 4 3 3 4 4

3 3 4 3 3 2 2

9 3 4 7 3 4 1

... (rest of the working hours)

Employee 1: 34 hours

Employee 2: 28 hours

Employee 3: 20 hours

... (rest of the employees and their total working hours)