

Employee Program

OBJECTIVES

- Use the list and dictionary concepts

PROBLEM SPECS

- Write a program that will compute and output the monthly gross salary of an employee. Output also other employee’s summary details.
- Procedures and Program Details:
 - Input employee name, age, gender, civil status, college, and position.
 - Store the inputted details in a dictionary named employeeDetails.
 - Store the employeesDetails in a list named employeeList.
 - Input also the number of hours work (per month). **Note:** Number of hours work is not included in the employeeDetails dictionary.
 - Use the appropriate methods/functions for list and dictionary for the program (you can create another list or dictionary if deemed necessary).
 - The monthly gross salary of the employee will be computed based on his/her position and number of hours work (per month) for extra teaching load.

Here are the details of regular monthly salary and rate per hour for extra teaching load based on the position:

POSITION	REGULAR SALARY	RATE PER HOUR
Instructor 1	₱29,165	₱150
Instructor 2	₱31,320	₱200
Instructor 3	₱33,843	₱250
Assistant Professor 1	₱36,619	₱300
Assistant Professor 2	₱39,672	₱350
Assistant Professor 3	₱43,030	₱400
Assistant Professor 4	₱46,725	₱450

- Output the gross salary of the employees:
grossSalary = regular salary + (number of hours work * rate)
- Prompt the user with an option to repeat the program.
- At the end of the program, output the following summary details:
 - **Total Number of Employees:**
 - **Total Number of Male Employees:**
 - **Total Number of Female Employees:**
 - **Total Number of Single Employees:**
 - **Total Number of Married Employees:**
 - **Total Accumulated Salaries of ALL Employees:**

● **Sample Run:**

Enter Employee Name: NAYRE, JAMES A.
Enter Employee Age: 25
Enter Employee Gender: Male
Enter Employee Civil Status: Single
Enter Employee College: CABDE
Enter Employee Position: Instructor 1
Number of Hours Work (per month): 48

Total Monthly Gross Salary: **Php 36,365**

Enter another [Y/N]? **Y** *Note: only 'Y' or 'N' will be accepted

Enter Employee Name: ATIAN, RAINAH A.
Enter Employee Age: 35
Enter Employee Gender: Female
Enter Employee Civil Status: Married
Enter Employee College: CSSD
Enter Employee Position: Assistant Professor 1
Number of Hours Work (per month): 36

Total Monthly Gross Salary: **Php 47,419**

Enter another [Y/N]? **Y** *Note: only 'Y' or 'N' will be accepted

Enter Employee Name: PAJA, CASSANDRA A.
Enter Employee Age: 45
Enter Employee Gender: Female
Enter Employee Civil Status: Married
Enter Employee College: COC
Enter Employee Position: Assistant Professor 4
Number of Hours Work (per month): 24

Total Monthly Gross Salary: **Php 57,525**

Enter another [Y/N]? **N** *Note: only 'Y' or 'N' will be accepted

SUMMARY DETAILS:

Total Number of Employees: 3
Total Number of Male Employees: 1
Total Number of Female Employees: 2
Total Number of Single Employees: 1
Total Number of Married Employees: 2
Total Accumulated Salaries of ALL Employees: **Php 141,309**

