

Assignment: Employees and Class Attributes

Welcome to this Mini Project.

Your best friend is founding a startup and he needs you to help him implement a payroll system.

The developer he hired last month only completed part of the program because he had a personal issue and he had to quit the job before completing it.



Your task is to:

- Complete the classes in the existing payroll program by including the necessary class attributes.

Analysis:

- First, you need to analyze the `calculate_payroll` function in the code below. You can also find this function in the downloadable Python file.
- Based on this code, you must determine the required class attributes. After meeting with your friend, you determined that all the missing attributes are shared by all the instances of each class, so they should be class attributes.
- Assign realistic values to them.

In the **payroll** function, the class attributes are accessed with the **<instance>.<attribute>** syntax because we will be working with a list of instances of multiple classes in a for loop.

An employee can be either a Programmer or an Assistant in our program but, since the attributes that we will be working with are class attributes, their values will be the same for all the instances of the same class.

Code:

You can download the code with the current payroll program as a Python file in the downloadable resources for this lecture.

Solution:

You can find a sample solution in the "Instructor example" tab.