

## **ISM 370 Module 2 In-Class Project**

This is an individual project. You must do your own work and code so that you can be better prepared for the more complex coding coming up in this course.

**Title:** Employee Salary Increase

### **Objective**

Calculate and display annual salary increases for employees based on a predefined percentage increase.

### **Instructions**

#### 1. Initialize Employee Data:

- Create a dictionary to store employee information.
- Each employee should have a unique ID, name, and current salary. Use a dictionary of dictionaries where the unique ID is a key and an inner dictionary is the value (containing name and current salary).
- Include at least 3 employees in the dictionary.

#### 2. Define Salary Increase Percentage:

- Set a predefined percentage increase for the annual salary, such as 5% or 8%.

#### 3. Calculate and Update Salaries:

- Use a for loop to iterate through the employee dictionary.
- For each employee, calculate the new salary after the annual increase and update the dictionary.

#### 4. Display Updated Employee Information:

- Use another for loop to display the updated employee information. Use formatted strings and labeling to display the information about employees.

### **Submission**

Submit only your .py project file on Canvas by the end of class.