CIS 4318
Project # 1
To be done in groups of two
Deadline: See the syllabus and TRACS

The Texas State University

Introduction:

To experience the process of building a business application, you will develop a system for Texas State University. The application is to be designed and implemented within a Java framework. The entire application will be developed using Intellij IDE with Java Web approach.

The Application Features:

The Texas State Staff Application is a fictional application. You will create a new project for this application. You will zip that project and upload it on TRACS. Remember that your project should be by default located inside the **IdeaPprojects** folder. Only one team member has to upload the project on TRACS.

Project1 # 1 Requirements:

For this project, you will design and implement a prototype for the application. In particular, you will create a website with a form asking for first name, last name, monthly salary, and months of payment. Based on this information you are to write a function that compute the yearly salary in the Employee class. The form data is sent to a servlet that directs the answer to an output page and display the first name, the last name, and the yearly salary. On the same output form, you should add another form with a button that when clicked sends the user to another page that prints on the screen: "Welcome employee". For the design part see the pictures in **C**. [Last name] and [First name] are the values from the first page.

You will also have a css file that makes all the labels blue and all the paragraphs black. The form margins are also blue.

A. Class: create the following class (Employee).

Variable (Name | Data Type):	
firstName	String
lastName	String
monthlySalary	Integer
monthsOfPayment	Integer
yearlySalary	Double
Operation:	
Calculate Yearly Salary	
Parameter: monthlySalary, monthsOfPayment	

Note: Yearly Salary = monthlySalary*monthsOfPayment

B. Hints:
  a. Read the first name, last name, monthly salary, and months of payment from textboxes;
  b. Compute the yearly salary using a method (Should the method be static or non-static).
  c. Use the book.
  d. Remember the order of steps I gave you in class

c.

First name: _____

Last name: _____

Monthly salary: _____

Months of payment: _____

Calculate

[First name] [Last name], your yearly salary is (the calculated value)

Go to last page

Welcome employee.