# CSC365 Scripting Languages – Chapter 1 & 2 Assignment

Write an annual salary calculator based on hours via Python program. The calculator should calculate both the unadjusted and adjusted annual salary.

As a code starting point, you should use one of chapter 2’s textbook code examples that you documented from the following Murach site: <https://www.murach.com/shop/murach-s-python-programming-2nd-edition-detail>

*How Unadjusted and Adjusted Salaries are calculated?*<https://www.calculator.net/salary-calculator.html>

*Using a $30 hourly rate, an average of eight hours worked each day, and 260 working days a year (52 weeks multiplied by 5 working days a week), the annual unadjusted salary can be calculated as:*

*$30 × 8 × (260) = $62,400*

*As can be seen, the hourly rate is multiplied by the number of working days a year (unadjusted) and subsequently multiplied by the number of hours in a working day. The adjusted annual salary can be calculated as:*

*$30 × 8 × (260 - 25) = $56,400*

*Using 10 holidays and 15 paid vacation days a year, subtract these non-working days from the total number of working days a year.*

* Make sure to use VERY descriptive variables names so there is no confusion what the variable is storing
* Verify that have NO PyCharm code warnings (upper right hand corner of the IDE)
* 30% of your code should be documented including a program header (who wrote it, when, and what the program does)
* Also, include your GitHub repository URL in your program header comments
* It's important to commit and push your code to GitHub **multiple times** with meaningful comments
* Add me (dejohns2) as a collaborator to your class repository
* Attach your complete Python module (program file .py) to this assignment, along with a text file of your console output
* Also, include an assignment reflection in the comment area.  It should be about a paragraph long, explaining what went well, and what didn't, what you liked about it, and what you didn't like about it.  I call these reflections "The Good, Bad, and Ugly".

The Salary Calculator program

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Salary per hour: 30

Hours per Week: 40

Days per Week: 5

Holidays per Year: 10

Vacation Days per Year: 15

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Unadjusted Salary: $ 62400.0

Adjusted Annual Salary: $ 56400.0

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Goodbye!