

## SCI 3300 -04 Assignment 7

(100 points)

Create a web page that calculates an employee's net pay. The program should prompt for an employee's hourly pay rate, number of hours worked per week, and number of dependents claimed. If the employee works more than 40 hours in a week, overtime is calculated at 1.5 times the regular hourly rate. Taxes are then deducted from the gross pay as follows:

- No dependents: tax rate is 28%
- 1 to 3 dependents: tax rate is 25%
- 4 to 6 dependents: tax rate is 15%
- More than 6 dependents: tax rate is 10%

Gross pay - Payroll taxes = Net pay

Add a button at the bottom of the page to allow the user to change the background color.

The page should look similar to this:

### Calculating Net Pay

This page will calculate an employee's net pay. Begin process by clicking on the 'BEGIN' button below.

The user will be prompted for:

- Employee's hourly rate of pay;
- Number of hours worked that week; and,
- Number of dependents employee has.

The user can change the background color selected from:

- red
- blue
- green
- yellow
- lavender

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< < BEGIN > >

Change Background Color

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The image displays four sequential screenshots of a web application for calculating net pay. Each screenshot is a dialog box with a light gray background and a white content area.

- Top Left:** A dialog box titled "Enter employee's hourly rate: \$". It contains a text input field with the value "40". Below the input field are two buttons: "OK" and "Cancel".
- Top Right:** A dialog box titled "Enter number of hours worked this week:". It contains a text input field with the value "24". Below the input field is a checkbox labeled "Prevent this page from creating additional dialogs". At the bottom are "OK" and "Cancel" buttons.
- Bottom Left:** A dialog box titled "Enter number of dependents:". It contains a text input field with the value "1". Below the input field is a checkbox labeled "Prevent this page from creating additional dialogs". At the bottom are "OK" and "Cancel" buttons.
- Bottom Right:** A dialog box displaying the result: "This employee earned: \$720 this week." Below the text is a checkbox labeled "Prevent this page from creating additional dialogs". At the bottom is an "OK" button.

### Submission instructions:

Include a word file or PDF file in your submission. This file should contain the captured images of the test data. It should be similar to what I have done here.

All file(s) should be inside a folder. Then zip your folder into a single zip file

**lastname\_firstname\_assignment 7.zip**, and submit the zip file to D2L dropbox.