**LAB ASSIGNMENT 6**

**CSCI 1380**

**Dr. Abraham**

Due date: March 11, 2015

Write a program

Input: name of the employee (exit the program when “quit” is entered)

Hourly Pay rate

Hours worked each day (exit the loop when 0 is entered) for a maximum of 5 days.

Process: Calculate total regular hours worked and overtime hours worked.

Calculate Regular Pay, Overtime Pay (1.5 times) and Gross Pay.

Output:

Name of the Emplyee:

Total hours worked:

Total days worked :

Total Regular Hours :

Total OT Hours:

Regular Pay :

Overtime Pay:

Gross pay :

Purpose of this assignment is to learn sentinel controlled nested while looping . You are not required to use functions for this assignment.

Here is a sample run:

This program calculates Gross Pay for a 5-day week.

It calculates regular pay and overtime pay

Enter name of the employee --> Jesse Sanchez

Enter pay rate for Jesse Sanchez--> 18.60

Enter hours worked for each day up to a maximum of 5 days.

Enter hours worked or 0 to quit ------> 7

Enter hours worked or 0 to quit ------> 8

Enter hours worked or 0 to quit ------> 9

Enter hours worked or 0 to quit ------> 0

Name of the Emplyee: Jesse Sanchez

Total hours worked: 24

Total days worked : 3

Total Regular Hours : 24

Total OT Hours: 0

Regular Pay : 446.40

Overtime Pay: 0.00

Gross pay : 446.40

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Enter name of the employee --> Lisa Smith

Enter pay rate for Lisa Smith--> 19.75

Enter hours worked for each day up to a maximum of 5 days.

Enter hours worked or 0 to quit ------> 9

Enter hours worked or 0 to quit ------> 10

Enter hours worked or 0 to quit ------> 12

Enter hours worked or 0 to quit ------> 10

Enter hours worked or 0 to quit ------> 11

Name of the Emplyee: Lisa Smith

Total hours worked: 52

Total days worked : 5

Total Regular Hours : 40

Total OT Hours: 12

Regular Pay : 790.00

Overtime Pay: 355.50

Gross pay : 1145.50

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Enter name of the employee --> quit

Press any key to continue . . .