

W04 Assignment: Program 4.2

Write a short Java program that does the following:

1. Tells the user what the program does.
2. Prompts the user to enter their first and last name.
3. Gets the user's input and saves it as a String.
4. Prompts the user to enter the number of hours they worked this week.
5. Gets the user's input and saves it.
6. Prompts the user to enter their hourly wage.
7. Get's the user's input and saves it.
8. Calculates the state withholding tax (9%) and the federal withholding tax (20%).
9. Calculates your gross pay and your pay after subtracting the withholding taxes.
10. Outputs a pay statement as shown in the example below.
11. Outputs a goodbye message.

Here is an example of what your program should look like when it runs (user input is in green):

```
Given your name, hours worked, and hourly wage, this program calculates your
gross pay, state withholding tax, federal withholding tax, and your net pay.
It then displays your pay stub.
Enter your first and last name: John Brown
Enter the hours you worked this week: 10.0
Enter your hourly wage: 9.75

Pay Stub for John Brown
Hours Worked: 10
Hourly Wage: $9.75
Gross Pay: $97.50
State Tax Withheld: $8.78
Federal Tax Withheld: $19.50
Net Pay: $69.23

Goodbye.
```