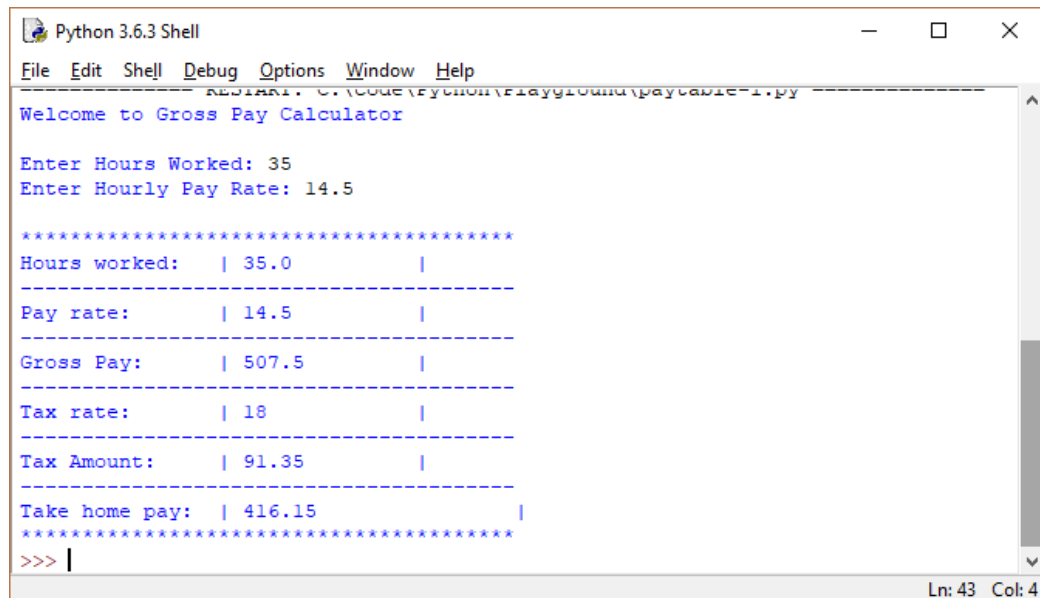


Programming Assignment: Paycheck Calculator (30 Points)

Problem Statement:

In this assignment, you will write a program that calculates a user's weekly gross and take-home pay. Specifically, the program

1. Prints "Pay Check Calculator"
2. Prompts the user to enter number of hours worked.
3. Prompts the user to enter the hourly rate.
4. Next calculates gross-pay, tax amount and take home pay.
5. Prints the results in a table as shown in the sample run:



```
Python 3.6.3 Shell
File Edit Shell Debug Options Window Help
Welcome to Gross Pay Calculator

Enter Hours Worked: 35
Enter Hourly Pay Rate: 14.5

*****
Hours worked:  | 35.0          |
-----
Pay rate:      | 14.5          |
-----
Gross Pay:     | 507.5          |
-----
Tax rate:      | 18             |
-----
Tax Amount:    | 91.35          |
-----
Take home pay: | 416.15         |
*****
>>> |
```

Specification

- The formula for calculating gross pay is:
gross pay = hours worked * hourly rate
- The formula for calculating tax amount is:
tax amount = gross pay * (tax rate / 100)
- The formula for calculating take home pay is:
take home pay = gross pay - tax amount
- The tax rate should be 18%, but the program should store the tax rate in a variable so that you can easily change the tax rate later, just by changing the value that's stored in the variable.
- The program should accept floating point entries like 35.5 and 14.25.
- Assume the user will enter valid data.
- Make sure your program
 - Uses variables for the dash and star lines and uses them in the print functions.
 - Uses the * operator for strings

- Uses the sep and end options of the print functions
 - Uses escape characters in the print functions
- Its ok if the last vertical bars in the rows in the table don't align, the first vertical bars should align.

Challenge (2 points)

Include units for the quantities in the table as shown below in the sample run:

```

Python 3.6.3 Shell
File Edit Shell Debug Options Window Help
===== RESTART: C:/code/Python/Playground/paytable-2.py =====
Welcome to Gross Pay Calculator

Enter Hours Worked: 35
Enter Hourly Pay Rate: 14.5

*****
Hours worked:  | 35.0          |
-----
Pay rate:      | $14.5/hr          |
-----
Gross Pay:     | $507.5            |
-----
Tax rate:      | 18%               |
-----
Tax Amount:    | $91.35            |
-----
Take home pay: | $416.15           |
*****
>>> |
Ln: 63 Col: 4

```

Again, its ok if the last vertical bars in the rows in the table don't align, the first vertical bars should align.