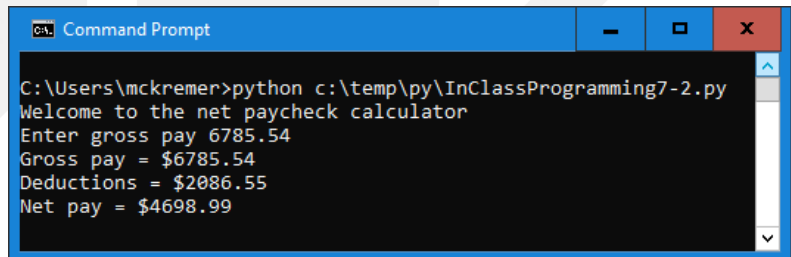


## In-Class Programming 7 (Section 2)

Create the following program: Calculate the net pay of an employee by deducting federal, state, and social security taxes

- Create a file named `paydeductions.py` which will store the following functions and its parameters:
  - `fFedTax` with parameter gross pay, return the federal tax deduction by multiplying the gross pay with 0.1725
  - `fStateTax` with parameter gross pay, return the state tax deduction by multiplying the gross pay with 0.0585
  - `fOASDI` with parameter gross pay, return the social security tax deduction by multiplying the gross pay with 0.0765
- Create the main program file (`InClassProgramming7-2.py`), import the `paydeductions` file and create the following functions:
  - Function `main` with no parameters:
    - Display a message 'Welcome to the net paycheck calculator'
    - Get user input of gross pay and store it into a variable named `meaningfully`
    - Call the function `fDeductNetpay` (see below) and store the return result into variables `deductions` and `netPay`
    - Display the gross pay, deductions and net pay (see output below)
  - Function `fDeductNetpay` with parameter gross pay:
    - Calculate the total deductions by calling the 3 functions in `paydeductions` and adding them up, storing it in variable `deductions`
    - Calculate the net pay by subtracting the deductions from gross pay, storing it in variable `netPay`
    - Return both variables



```
C:\Users\mckremer>python c:\temp\py\InClassProgramming7-2.py
Welcome to the net paycheck calculator
Enter gross pay 6785.54
Gross pay = $6785.54
Deductions = $2086.55
Net pay = $4698.99
```

Upload the following files to Canvas:

- Screenshot of the executed code in command line/terminal window (either pasted into a Word document or as an image)
- Text files of your code named `InClassProgramming7-2.py` and `paydeductions.py` (put your name and section as comments at the top of file)

### Notes:

- Upload the files (screenshot(s) and Python code as text file(s) )
- Your code should contain some meaningful comments
- Your code should be well organized and formatted



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