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This program will prompt the user fir an employee sales then calculate the weekly gross pay, deductions and net pay.

Algorithm:

1. Define main

2. Declare and initialize variables and constants

basePay = deductions=commLessThan=commGreaterThan = salesAmount=grossPay=0.0

SS = 0.06

FEDTAX = 0.12

3. Display welcome

4. Prompt for sales amount (Save in variable salesAmount) \*make input float

5. Open and read in files from “payinfo.txt”

6. Save to appropriate variable and parse into float: \*use split(“,”) to seperate

basePay

commLessThan

commGreaterThan

7. Close file

8. Create decision structure to determine commission :

If salesAmount <=1500:

grossPay = basePay +(basePay\*commLessThan)

deductions =(grossPay\*SS)+(grossPay\*FEDTAX)

grossPay -=deductions

else:

grossPay = basePay +(basePay\*commGreaterThan)

deductions =(grossPay\*SS)+(grossPay\*FEDTAX)

grossPay -=deductions

9. Open new file to write in new data called “EmployeePaycheck.txt”

10. format and Write to file:

Print()

Print(“\*”\*7,”Employee Paycheck”,”\*”\*7, outfile.write)

11. Print to screen

12. Close “EmployeePaycheck.txt”

13. Display goodBye