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Exercise 4-23 Planning

Write the algorithm for the problem below. You are not writing actual code, but rather pseudocode to help your planning. Ask yourself the following questions:

* How many variables will you need? **10**
* What are the data types of those variables? **Character, double**
* How many variables are you displaying? **8**
* What are the data types of those variables? **Character, double**
* What math must you perform? **Multiplication, subtraction**
* Is there anything you need to check before you do this math? **no**

Prompt user to enter employee name

Prompt user to enter hours worked in a week

Prompt user to enter pay rate

Enter a value for federal tax withholding rate

Enter a value for state tax withholding rate

Multiply the number of hours worked by pay rate to get total pay

Multiply total pay by federal withholding rate to get federal withholding amount

Multiply total pay by state withholding rate to get state withholding amount

Add federal withholding amount and state withholding amount to get total deduction

Subtract total deduction from total pay to get net pay