

1. Declare the pay increase percent as constant
2. Declare the variables
3. Declare an output file stream variable
4. Open the output file
5. Prompt the user to enter the current salary
6. Read the user's current salary
7. Calculate the new salary using the following equation: $\text{New salary} = \text{current salary} * (1 + \text{pay increase})$
8. Calculate the new monthly salary using the following equation: $\text{Monthly salary} = \text{new salary} / 12$
9. Calculate the retroactive salary due using the following equation: $\text{Retroactive salary} = (\text{new salary} - \text{old salary}) / 2$
10. Output the new annual salary, the new monthly salary, and the retroactive salary due to the screen
11. Output the new annual salary, the new monthly salary, and the retroactive salary due to the output file
12. Close the output file