Homework #7

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Assignment: Print Net Income of Current/Raised Salaries including Dues, IBT, Taxes

**Debugging Exercises**

1. ADD AMT1 TO FIN-TOT
2. ADD AMT1 TO AMT2 GIVING AMT3
3. COMPUTE AVERAGE = AMT1 + AMT2 / 2
4. COMPUTE AMT4 = AMT1 + AMT2 ROUNDED
5. MULTIPLY AMT1 BY AMT2
6. DIVIDE AMT1 BY 2
7. MULTIPLY AMT4 TIMES AMT3
8. Which are Syntax Errors?

**Wrong:**

4) COMPUTE AMT4 = AMT1 + AMT2 ROUNDED

6) DIVIDE AMT1 BY 2

7) MULTIPLY AMT4 TIMES AMT3

**Correction:**

4) COMPUTE AMT4 ROUNDED = AMT1 + AMT2

6) DIVIDE 2 INTO AMT1

7) MULTIPLY AMT 1 BY AMT 3

1. Is Line 3 Correct?

**Answer:** No

**Correction:** COMPUTE AVERAGE = (AMT1 + AMT2) / 2

1. Under what conditions will Line 5 result in Logic Error?

Results under both conditions

**Correction:** MULTIPLY AMT1 BY AMT2 GIVING AMT3

**Receiving Field:** AMT3 PIC 9(6)V9(4)

1. What will be the results of the fields if code is executed in sequence after Syntax/Logic Errors are fixed?

AMT 1: **17**

AMT 2: **1225**

AMT 3: **4900**

AMT 4: **70**

AVERAGE: **35**

Questions and Notes

* Just try making output record a blank space instead of nested loops, you will hurt your brain, it may be easier but learn more about it before implementing.