**Exercises**

**Create an algorithm (PSEUDOCODE and FLOWCHART) for the following problems and use #define directives or const and other arithmetic operators.**

**LE3.11 Weekly Pay**. Create a program that asks for user’s yearly pay and displays his weekly pay.

**LE3.12 Add Digits.** Create a program that extracts and adds the two least significant digits of an integer.

Sample/Test Output  
Enter a number : 12345  
Sum : 4 + 5 = 9  
===========================  
Enter a number : 789  
Sum : 8 + 9 = 17

**LE3.13 Tuition Fee.** Create a program that prints the tuition for 2 semesters at ABC College. ABC charges PHP 450 for registration, plus PHP 450 per unit and a penalty of PHP 2,260 for each 12 units or fraction of 12.

Sample/Test Output  
1st Semester Number of Units: 12  
2nd Semester Number of Units: 25  
1st Semester Tuition Fee : 8110.00  
2nd Semester Tuition Fee : 16408.33  
Total Tuition Fee : 24518.33