Practice 2 – Print Statements with Expressions

Note: To solve these tasks, you have to use %d & %f modifiers. Instead of writing results of expressions, you have to write expressions, as second, third, fourth parameters of print statements, so that computer will solve them and print results using modifier:

Task 01: Print sum and difference of integers 20 & 10 in first line using first print statement. Print product of same integers in next line. Show output according to the required output:

> **Required Output:**
> 20 + 10 = 30   20 - 10 = 10
> 20 * 10 = 200

Task 02: Print sum and difference of integers 6 & 4 in first line using first print statement. Print product& complete division of 6 & 4 in second line using second print statement. Next, print integer division and remainder of 6 & 4 in third line, using third print statement?:

> **Required Output:**
> 6 + 4 = 10   6 - 4 = 2
> 6 * 4 = 24   6 / 4.0 = 1.500000
> 6 / 4 = 1   6 % 4 = 2

Task 03: Write five print statements to generate given output?

> **Required Output:**
> 5 x 1 = 5
> 5 x 2 = 10
> 5 x 3 = 15
> 5 x 4 = 20
> 5 x 5 = 25

Task 04: Print 5 different expressions having multiple type of operators and parenthesis. One sample statement is given.

```
printf ("(12 - 3) / (3  - 1.0) = %f\n", (12 - 3) / (3  - 1.0));
```

Task 05: Solve following expression on a page and later verify your answers by printing the results:

```
a. 4 × (3 + 2)
b. 29 – 4 x 6 / 5
c. 6 ÷ 2 + 7 × 4
d. 25 - 5 / (3 + 2)
e. 7 + 7 / 7 + 7 X 7 - 7
f. 2 * (2 + 2 * (39 - 2 * (17 + 2)))
g. (90 - 70 / 11 - 9 ) + ( 18 - 6) / 4
```