

Experiment:1
INTRODUCTION TO PYTHON
(Arithmetic Opeartors in Python)

1. Evaluate the following problems.

- Calculate $\frac{(2.5)^3 \left(16 - \frac{216}{22}\right)}{(1.7)^4 + 14} + \sqrt[4]{2050}$
- Define the variable x as $x = 2.34$, then evaluate $\frac{1}{\sqrt{14 + x^2 - x}}$
- Define the variables a, b, c and d as: $a = 13$, $b = 4.2$, $c = \frac{(4b)}{a}$ and $d = \frac{abc}{a + b + c}$, then evaluate

$$a \cdot \frac{b}{c + d} + \frac{d a}{c b} - (a - b^2)(c + d)$$