Problem 1

- 1. Program
- 2. CPU
- 3. RAM / volatile memory
- 4. Byte
- 5. One
- 6. Compiler
- 7. Interpreter
- 8. Nibble

Problem 2

- a) 1.11
 - **2**. 166
- b) 1. 10001110
 - **2.** 00000110
- c) 1. 01000101
 - 2. 00110110
- d) 1. 'n'
 - 2. '<'

e)	1010000	1111001	1110100	1101000	1101111	1101110
	P	ν	t	h	0	n

Problem 3

- 1. D
- 2. D
- 3. B
- 4. A
- 5. B
- 6. B

Problem 4

b. Integer division in Python truncates the fraction for positive numbers, and rounds away from 0 for negative numbers.

Problem 5

- a. b = a + 2
- **b.** a = b * 4
- c. b = a / 3.14
- **d.** a = b 8

Problem 6

- a. 12
- b. 4
- c. 2.0
- d. 1.6
- e. 6
- f. 2
- g. 1
- ۶. -
- h. 0
- i. 2
- j. 2
- k. 16