ENCS2340 | Section 2 | Fall 2024/2025 Chapter 1 Solution - Extra Exercises

	1: 99.1875 leger: 99 -7	2 Fraction: 0.1875
		99 $0.1875 \times 2 = 0.375$
	1	$49 0.375 \times 2 = 0.75$
	0	$24 0.75 \times 2 = 1.5$
:	0	12 0.5 x 2 = 1.0 < Stop
		3 : 99.1875)
		100
		0 = 1100011.0011)
	,	2
. ,	001100011.00	$21100) = 143.14)_8$
		2 18
	01100011.00	c 3)16
	6543	
Rov	1001	1 = 2 + 2 + 2 + 2 + 2 + 2 = 2
		= 74.8125)10
		≈ 74,813) ₁₀
	000000	110100=113.64)
	(00001).	$\cdot 1101 = 4B.D)_{16}$
	w3 17L	0 -1 -2 -3 2 -1
Ro	<u> </u>	$\begin{array}{c} 0 - 1 - 2 - 3 \\ 4 \cdot 564 \\ 8 \end{array} = 138 + 788 + 48 + 588 \\ + 6 \times 8^{2} + 4 \times 8^{3} \end{array}$
	,	= 124.726 5
		≈ 124.727)
:	174,564	1) = 001111100-101110190)
7	1 1, - 9 1	78 - 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
		= 7C.BA)
		718

= 37 B5 AE 38

H1-7 10, contd. b. 100101 110110 100101 +001010 -010001 = -171 No overflow 000101 no overflow 101101 011101 1-010000 101111 001101 100010 = correct routh

