

WEEK 6

DATA ENCRYPTION AND COMPRESSION

Question 1: Solving Sudoku

	2			8			7	
4	7				9			
					3	5	2	
	9	2	3			1		
	1			7			3	5
		7	9		5	6		
7		4				2		6
			6	3	4			
6				9			5	3

Write the steps you adopted to solve this.

Question 2: What would be the encoded data for the following?

Run Length Encoding

Uncompressed

aaaaabbbbbbbbbbbcccccddddddddeeeeeeeee

Compressed

5a12b4c9d10e

Uncompressed

aabccdeefghijjklmnopqrrstttuvvwwxyyyz