

CS6102 - COMPUTATIONAL THINKING LAB

(Week 5 – 15.12.2022)

SPOT

BAKURO PUZZLE

Fill the cells with the numbers 1, 2, 4 and 8, together with their binary equivalent. Each group of adjacent cells in a row must add up to the number in the clue to its left. Each group of adjacent cells in a column must add to the number in the clue above it. No group may contain the same number more than once.

Question 1:

	9 1001	6 0110		7 0111	1 0001	15 1111	
5 0101			7 0111				3 0011
			14 1110				
15 1111					3 0011		
		6 0110			10 1010		
		13 1101			15 1111		
	12 1100			3 0011			
	12 1100			3 0011			
12 1100			10 1010			10 1010	
			7 0111				
9 1001							
				9 1001			

Question 2:

/	15 1111	2 0010	5 0101	/	/	/	/	6 0110	15 1111
7 0111				3 0011	/	7 0111	3 0011 10 1010		
4 0100		3 0011 3 0011			15 1111 11 1011				
3 0011			15 1111 7 0111				4 0100 4 0100		
11 1011				3 0011 4 0100			6 0110		
/	/	14 1110 7 0111				/	/	11 1011	6 0110
/	6 0110 3 0011			11 1011	2 0010	7 0111	3 0011		
3 0011			7 0111 3 0011				6 0110 5 0101		
15 1111					13 1101				/
/	/	3 0011			3 0011			/	/