CS6102– Computational Thinking
Week -5

14 – Dec -2022
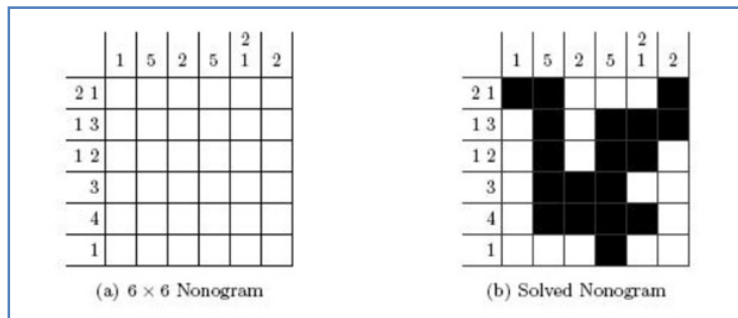
More Puzzles – Nonograms, word search

Nonograms

Nonogram is a logic puzzle with simple rules and challenging solutions.

The rules are

✓ You have a grid of squares, which must be either filled in black or marked with X.

✓ Beside each row of the grid are listed the lengths of the runs of black (or X mark) squares on that row.

✓ Above each column are listed the lengths of the runs of black (or X mark) squares in that column.

✓ Your aim is to find all black (or X mark) squares.

✓ An example is shown here

(a) 6 × 6 Nonogram   (b) Solved Nonogram

Q-1:

Q-2:

	2	2,5	3,3,1	4,4	4	2	2,1	2,1	7	7
7										
9										
3 2										
2 2										
2										
3 2										
4 4										
3 2										
1 1										
3										

Qn 3:

	3	2	1,5	2, 2, 1	4	2, 2, 1	1,5	2	3
1,1									
1,1									
4									
2,1,2									
9									
1,5,1									
1,1,1,1									
1,1									

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Q4: Find atleast 20 words in the word search grid given below

Note : Words can appear horizontally, vertically or diagonally, running backwards or forwards. Different words can cross and overlap.

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X A T N Y S N P R A B V B A S
T E E H S D A E R P S L Y U G
S O Q G K N S S C O K L P S N
O C H M A C A E C E T E E E I
F Y A S A R N P R R R H F A K
T J E N N G O A S C O S P R R
W J N K I E W T O H U L S C O
A E X N T E E M S R O W L H W
R B E F R N P R F I E T S E T
E G I A E U S E C U R I T Y E
S H H E T C W H I S A S A H N
S S R E S C R I P T W P T K U
X C R E M M A P S R Y A U R Q
S R E V R E S A V E P M S S Q
S O C I A L W U E V S U Y B B
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