

Pattern Cheat Sheet

Level 2

Q1: Hollow Square

Input: $n = 5$

Output:

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* * *

* * *

Q2: Hollow Right Triangle

Input: $n = 5$

Output:

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Q3: Right Triangle With alternate 0 and 1

Input: n = 5

Output:

1

01

101

0101

10101

Q4: Reverse Alphabet triangle

Input: n = 5

Output:

E

ED

EDC

EDCB

EDCBA

Q5: Left Aligned Triangle

Input: n = 5

Output:

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Q6 : Binary Square (Chessboard)

Input: n = 4

Output:

1010

0101

1010

0101

Q7: Square with Diagonals

Input: n = 5

Output:

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Q8 : Number Pyramid

Input: n = 4

Output:

1

121

12321

1234321

Q9: Full Pyramid

Input: n = 5

Output:

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***  
*****  
*****  
*****
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Q10: Inverted full Pyramid

Input: n = 5

Output:

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*****  
*****  
****  
***  
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