

## DailyFlash

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Program 1: Write a Program that prints the Harshad numbers bounding between numbers entered by user.

Input:

Lower Bound: 1

Upper Bound: 100

Output: 1 2 3 4 5 6 7 8 9 10 12 18 20 21 24 27 30 36 40 42 45 48 50 54 60 63  
70 72 80 81 84 90 100

Program 2: Write a Program that calculates Square Root of a number ranging in 200 to 600

Program 3: Write a Program that accepts a number from user and prints max digit from that number.

Input: 12357798

Output: The Max Digit from number 12357798 is 9

Program 4: Write a Program to Print following Pattern.

1	2	3	4
4	1	2	3
3	4	1	2
2	3	4	1

Program 5: Write a Program calculates mid-point of a line made up of two points A (4, 5) & B (2, 4).

{Note:  $\text{mid}(X, Y) = \{ ((x_1 + x_2) / 2), ((y_1 + y_2) / 2) \}$ }

Output: Mid-Point of Line AB = (3, 4.5)

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