Offline Assessment Test -1

February 22, 2019

0.1 Offline Assessment Test -1

This is an offline test, for whom the answers need to be written on paper. Duration: 90minutes **Q1:** Looking at the below code, write down the final values of A0, A1, ...An.

Q3: write a program to display the below pattern:

Input: 10 Output:

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Q4: Write a program to display the below pattern (Floyd's Triangle): 2 3 4 5 6 7 8 9 10

Q5: Write a program which takes the below Input and returns the corresponding output, without using calender module:

Input: 31 Jan 2019 Output: It is 31st day of the year 2019 **Input:** 22 Feb 2019 Output: It is 53rd day of the year 2019 **Input:** 1 Mar 2019 **Output:** It is 61st day of the year 2019

HINT: 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 0th **Q6:** If the user enters 5 10-digit mobile numbers in either of the below three formats,

07895462130 919875641230 +9195969878

1

process it and display them in the sorted order.

+91 78954 62130 +91 91959 69878 +91 98756 41230

HINT: +91 XXXXX XXXXX is the typical format of 10-digit mobile number