PAC CHART:

GIVEN DATA : ❖ Number (0-9)	REQUIRED RESULTS: ❖ Number of occurrence of each digit
PROCESSING : ❖ START ❖ Set separate counters for each digit ❖ Set each counter = 0 ❖ Ask the Number from user from 0-9 ❖ If Number is between (0-9) ❖ Then increment the counter of that digit by 1 ❖ If the number > 9 and number <0 ❖ Then stop asking ❖ Then print Number and Number of Occurrence of a digit one by one ❖ End	ALTERNATIVE SOLUTION: ❖ We also can use loop in this problem

IPO CHART:

INPUT	PROCESS	OUTPUT
❖ Number from (0 to 9)	❖ START ❖ Set a separate counter for each digit. ❖ Set each counter equal to 0 ❖ Ask the user a number ❖ Then Increment the counter of that digit by 1 ❖ If the number is greater than 9 or less than 0 then stop asking ❖ Print each number and number of times it occur one by one ❖ END	❖ Number of times a number (Digit) occur