**Fact Digit Sum**

A(X) for positive integer X is the sum of factorials of its digits. For example, A(154) = 1! + 5! + 4!= 145.  
Given a number N, find the minimum number X such that A(X) = N. You have to return a list of digits which represent the number X.

**Example 1:**

**Input:** N = 40321

**Output:** 18

**Explanation:** A(18)=1!+ 8! =40321

Note that A(80) and A(81) are also

40321, But 18 is the smallest

number.

**Example 2:**

**Input:** N = 5040

**Output:** 7

**Explanation:** A(7) = 7! = 5040.

**Your Task:**  
You don't need to read or print anything. Your task is to complete the function **FactDigit()** which takes N as input parameter and returns a list of digits which represent the number X.

**Expected Time Complexity:**O(X) where X ≤ 106  
**Expected Space Complexity:**O(X)

**Constraints:**  
1 ≤ N ≤ 109