Day of Pay

Problem Statement:

Anjan, Sufian, Alim, Shipu, Sohel & Sumon are good friends. Every day they meet in a hotel. There they eat something but when it is time to pay the bill they become silent, nobody talks to each other because nobody want to pay the bill. Every day they quarrel for this reason. One day they decided paying bill for a sequence:

Anjan → Sufian → Alim → Shipu → Sohel → Sumon

With this sequence they pay bill in a particular month.

Input:

Each test case contains an integer n (0 ≤ n ≤ 31) that indicates the day. The input terminated when n = 0.

Output:

For each case, print the case number and print the name who pay the bill for that day .

Sample Input/Output:

Sample Input	Sample Output
1	Case 1: Anjan
3	Case 2: Alim
5	Case 3: Sohel
6	Case 4: Sumon
4	Case 5: Shipu
0	

Problem Setter: Shipu Ahamed, Dept. of CSE

Bangladesh University of Business and Technology (BUBT)