**Data Structures WITH C**

**PROGRAMMING ASSIGNMENT REPORT**

Submitted by

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**Problem Definition:**

Harit wants to climb ladder having **n** steps but he want to climb only in step of 2 and 5. Now he felt boring repeating same thing again and again. So he discovered new way, now each time Harit wants to climb in step of **k** also. In other words he can use steps of 2, 5 or **k** to climb the ladder. So Harit want to calculate number of different ways to reach at **cur** step, where k and cur are integers. Although Harit is intelligent yet lazy so he wants your help to calculate number of ways. As number of ways could be too large so he wants you to output it modulo 1000000007 (10^9 + 7).