

## **Weekly Assignment 15**

Write a Python program to print the following series upto N terms-

1. 1 8 27 64 125 216 343 512 729 1000.....
2. 0 1 2 5 12 29 70 169 408 985..... (Pell Numbers Series)
3. 1 1 2 5 14 42 132 429 1430 4862.....(Catalan Numbers Series)
4. 1  $1/2$   $1/3$   $1/4$   $1/5$   $1/6$   $1/7$ .....(Harmonic Series)
5. 2 1 3 4 7 11 18 29 47 76.....(Lucas Numbers Series)