

**Python Practical I**  
**Deadline for submission: 14th September 2021, 3pm**

Q1 Write a function that returns the sum of digits of a number passed to it as a parameter.

Q2 Write a python code to print fibonacci series upto n terms, where n should be taken as user input.

(For example,

If n = 5, then the fibonacci series is:

0 1 1 2 3 )

Q3 Write a python code to find whether a number is an armstrong number or not.

(A number for which the sum of cubes of its individual digits is the same as the number itself, for example..  $153 = 1^3 + 5^3 + 3^3$

Thus, 153 is an armstrong number)

Q4 Write a python code to print the following pattern taking a number of lines as an input from the user.

Sample input

Enter a number: 6

Expected output

A A A A A A

B B B B B

C C C C

D D D

E E

F