



# The Alpha

Link to our community-

Alpha Group 1 – <https://chat.whatsapp.com/HMagd19APIG8fRSvwVHSbu>

Alpha group 2-- <https://chat.whatsapp.com/EiOwSfIQ6Qv7DgXjXvldq6>

- PYTHON PROGRAM TO CHECK WHETHER A GIVEN NUMBER IS EVEN OR ODD USING RECURSION
- PYTHON PROGRAM TO CHECK WHETHER A NUMBER IS POSITIVE OR NEGATIVE
- PYTHON PROGRAM TO CHECK IF A NUMBER IS A PALINDROME
- PYTHON PROGRAM TO REVERSE A NUMBER
- PYTHON PROGRAM TO PRINT ALL INTEGERS THAT AREN'T DIVISIBLE BY EITHER 2 OR 3
- PYTHON PROGRAM TO FIND SUM OF DIGIT OF A NUMBER WITHOUT RECURSION
- PYTHON PROGRAM TO PRINT TABLE OF A GIVEN NUMBER
- PYTHON PROGRAM TO READ A NUMBER N AND COMPUTE  $N+NN+NNN$
- PYTHON PROGRAM TO CHECK IF A NUMBER IS A STRONG NUMBER
- PYTHON PROGRAM TO PRINT NUMBERS IN A RANGE WITHOUT USING LOOPS
- PYTHON PROGRAM TO CHECK IF TWO NUMBERS ARE AMICABLE NUMBERS OR NOT
- PYTHON PROGRAM TO FIND WHETHER A NUMBER IS A POWER OF TWO
- PYTHON PROGRAM TO FIND PRODUCT OF TWO NUMBERS USING RECURSION
- PYTHON PROGRAM TO FIND ALL PERFECT SQUARES IN THE GIVEN RANGE
- PYTHON PROGRAM TO PRINT ALL POSSIBLE COMBINATIONS OF THREE DIGITS
- PYTHON PROGRAM TO FIND FIBONACCI NUMBERS USING RECURSION
- PYTHON PROGRAM TO FIND THE FIBONACCI SERIES WITHOUT USING RECURSION
- PYTHON PROGRAM TO FIND THE FACTORIAL OF A NUMBER USING RECURSION
- PYTHON PROGRAM TO FIND THE FACTORIAL OF A NUMBER WITHOUT RECURSION
- PYTHON PROGRAM TO CHECK IF A STRING IS A PANGRAM OR NOT
- PYTHON PROGRAM TO REMOVE ODD INDEXED CHARACTERS IN A STRING
- PYTHON PROGRAM TO REMOVE THE NTH INDEX CHARACTER FROM A NON-EMPTY STRING

- PYTHON PROGRAM TO REPLACE ALL OCCURRENCES OF 'A' WITH \$ IN A STRING
- PYTHON PROGRAM TO REPLACE EVERY BLANK SPACE WITH HYPHEN IN A STRING
- PYTHON PROGRAM TO REVERSE A STRING WITHOUT USING RECURSION
- PYTHON PROGRAM TO FIND COMMON CHARACTERS IN TWO STRINGS
- PYTHON PROGRAM TO FIND THE LARGER STRING WITHOUT USING BUILT-IN FUNCTIONS
- PYTHON PROGRAM TO CHECK IF A GIVEN STRING IS PALINDROME
- PYTHON PROGRAM TO CHECK WHETHER A STRING IS PALINDROME OR NOT USING RECURSION
- PYTHON PROGRAM TO ADD A KEY-VALUE PAIR TO THE DICTIONARY
- PYTHON PROGRAM TO CREATE A CLASS WHICH PERFORMS BASIC CALCULATOR OPERATIONS