

## Practical File Questions

Q1. Write a program that takes a number and checks whether the given number is even or odd.

Q2. Write a program to accept three integers and print the largest of the three.

Q3. Write a program to print table of a given number by user.

Q4. Write a program to calculate the factorial of the given number.

Q5. Write a program to input a number and test if it is a prime number or not.

Q6. Write a programs to print the following pattern :

a)	b)	c)
A	1	4 3 2 1
A B	1 2	3 2 1
A B C	1 2 3	2 1
A B C D	1 2 3 4	1
A B C D E		

Q7. Write a programs to find the sum of the following series :

- a)  $1/x + 1/x^2 + 1/x^3 + \dots 1/x^n$
- b)  $1 + 1/2! + 1/3! + \dots 1/n!$
- c)  $1 - 2 + 3 - 4 + 5 - \dots n$

Q8. Write a program to input a number and check the given number is Armstrong number or not. (Only three digits of numbers)

Q9. Write a program to print a Fibonacci sequence of the n numbers.

Q10. Write a program to read a string and display it in reverse order.

Q11. Write a program to input a string and check if it is a palindrome string or not.

Q12. Write a program that reads a line and a character. It should display the number of occurrences of the given character in the line.

Q13. Write a program to input a string and print each individual word of it along with its length.

Q14. Write a program to input a string and converts all upper case letter to lower case later and lower case letter to upper case letter.

Q15. Write a program to display the maximum and minimum value from the list.

Q16. Write a program to input a number and a list and search the element from given list.