1**.**

1. Write a recursive function which computes the n^th Fibonacci number. Fibonacci numbers are defined as:

Fib(0)= 1,

Fib(1)= 1

Fib(n)= Fib(n-1)+Fib(n-2).

Write this a python code and then find the 8^th Fibonacci number.

1. Write a python program to read a string containing binary digits and convert it into its equivalent decimal integer.

2.

1. Write a python program to find the sum of the first n positive integers
2. Write a Python program to swap two variables.

3.

1. Write a python program to find the factorial of a number.
2. Write a python program to check if a number is armstrong or not.

4.

1. Write a Python program to check whether three given lengths (integers) of three sides form a right triangle. Print "Yes" if the given sides form a right triangle otherwise print "No".
2. Write a Python program to print the number of prime numbers which are less than or equal to a given integer.

5.

1. Write a python program to find the factors of a number.
2. Write a python program to check leap year.

6.

1. Write a python program to convert Celsius into Fahrenheit.
2. Write a python program to find the sum of the first n odd numbers.

7.

1. Write a program to find the second largest number from the given
2. Write a program using recursive function

8.

1. Write a Python program that will accept the base and height of a triangle and compute the area.
2. Write a Python program to print first n even numbers

9.

a.Write a program to reverse a given integer

number

Given: 76542

Expected output: 24567

b.Write a python program to get the Fibonacci series between 0 to 50.

10.

1. Write a python program to check whether the given number is palindrome or not.
2. Write a python program to accept n integers and print the largest among them.

11.

1. Write a python program to calculate the sum of the given numbers, if the values are equal then return their sum.
2. Write a python program that accepts an integer (n) and computes the value of n+nn+nnn.

12.

1. Write a Python program to print the calendar of a given month and year
2. Write a Python program which accepts the radius of a circle from the user and compute the area

13.

1. Python Program to Solve Quadratic Equation
2. Python Program to Convert Kilometers to Miles

14.

1. Write a python program to find the factorial of a number.
2. Write a python program which accepts the radius of a circle from the user and compute the area

15.a.Write a python program to find the sum of all items in a list

b.Write a program to remove duplicates from the list

16.

1. Write a program to print n numbers in descending order upto 1
2. Write a python program to find whether a number is prime or not.

17.

1. Write a Python program to count the elements in a list until an element is a tuple.
2. Write a Python program that prints all the numbers from 0 to 6 except 3 and 6.

Note : Use 'continue' statement.

Expected Output : 0 1 2 4 5

18.

19.

1. Write a python program to check whether a number is divisible by 5 or not
2. Write a python program to enter the radius and find area of a circle

20.

1. Write a python program to print all prime numbers in an interval.
2. Write a python program to find the GCD of two positive numbers.

21.

1. Write a Python Program to Check Leap Year
2. Write a Python Program to Check if a Number is Positive, Negative or 0

22.

1. Python Program to Find LCM
2. Python Program to Remove Punctuations From a String

23.

1. Write a program to accept n numbers and sort them in descending order
2. Write a program to binary search from an array

24.

1. Write a python program to reverse a number and also find the sum of digits in the reversed number. Prompt the user for input.
2. Write a Python program that accepts a sequence of lines (blank line to terminate) as input and prints the lines as output (all characters in lower case)

25.

1. Python Program for n-th Fibonacci number
2. Python Program for cube sum of first n natural numbers

26.

1. Write a python code to find all the roots of a quadratic equation.
2. Write a python code to calculate the area of a triangle by using Heron's formula.

27.

28.

1. Write a program program that will display the numbers from 1 to 50 which is divisible by 5.
2. Write a program to take values of length and breadth of a rectangle from user and check if it is square or not.

29.

1. Write a python program to find the largest among three numbers
2. Python program to find armstrong number in a certain interval

30.

1. Write a python program to reverse a number
2. Write a python program for square of n natural numbers

31.

1. Write a python program to get the factorial of a non-negative integer
2. Write a python program to reverse a 3 digit number

32.

1. Write a Python program to print alphabet pattern 'A'.
2. Write a Python program to check whether an alphabet is a vowel or consonant.

33.

1. Write a program to input 2strings and concatenate them
2. Write a program to find the area of circle triangle rectangle using functions

34.

1. Write a python program to calculate the sum of the given numbers, if the values are equal then return their sum
2. Write a Python program to swap two variables