

## **Python Programs**

- 1) Python program to print Hello world
- 2) Python program to add two numbers
- 3) Python program to find the square root
- 4) Python program to calculate the area of a triangle
- 5) Python program to Solve Quadratic Equation
- 6) Python program to Swap two variables
- 7) Python program to Generate a random number
- 8) Python program to convert kilometers to miles
- 9) Python program to convert celsius to fahrenheit
- 10) Python program to check if a number is positive, negative or 0
- 11) Python program to check if a number is odd or even
- 12) Python program to check leap year
- 13) Python program to find the largest among three numbers
- 14) Python program to check prime number
- 15) Python program to print all prime numbers in an interval

- 16) Python program to find the factorial of a number
- 17) Python program to display the multiplication table
- 18) Python program to print the fibonacci sequence
- 19) Python program to check Armstrong number
- 20) Python program to find Armstrong number in an interval
- 21) Python program to find the sum of natural numbers
- 22) Python program to display powers of 2 using Anonymous function
- 23) Python program to find numbers divisible by another number
- 24) Python program to convert decimal to binary, octal and hexadecimal
- 25) Python program to find ASCII value of character
- 26) Python program to find HCF and GCD
- 27) Python program to find LCM
- 28) Python program to find the factors of a number
- 29) Python program to make a simple calculator
- 30) Python program to shuffle deck of cards.

- 31) Python program to display calendar
- 32) Python program to display fibonacci sequence using recursion
- 33) Python program to find sum of natural numbers using recursion
- 34) Python program to find factorial of number using recursion
- 35) Python program to convert decimal to binary using recursion
- 36) Python program to add two matrices
- 37) Python program to transpose a Matrix
- 38) Python program to multiply Two Matrices
- 39) Python program to check whether a string is Palindrom or Not
- 40) Python program to remove punctuations from a string
- 41) Python program to sort words in Alphabetic order
- 42) Python program to illustrate different set operations
- 43) Python program to count the number of each vowel
- 44) Python program to merge mails
- 45) Python program to find the size(resolution) of a Image.

