

## Practical Assignments on Python

1. Python Program to Add Two Numbers
2. Python Program to Find the Square Root
3. Python Program to Calculate the Area of a Triangle
4. Python Program to Solve Quadratic Equation
5. Python Program to Swap Two Variables
6. Python Program to Generate a Random Number
7. Python Program to Convert Kilometers to Miles
8. Python Program to Convert Celsius To Fahrenheit
9. Python Program to Check if a Number is Positive, Negative or 0
10. Python Program to Check if a Number is Odd or Even
11. Python Program to Check Leap Year
12. Python Program to Find the Largest Among Three Numbers
13. Python Program to Check Prime Number
14. Python Program to Print all Prime Numbers in an Interval
15. Python Program to Find the Factorial of a Number
16. Python Program to Display the multiplication Table
17. Python Program to Print the Fibonacci sequence
18. Python Program to Check Armstrong Number
19. Python Program to Find Armstrong Number in an Interval
20. Python Program to Find the Sum of Natural Numbers
21. Python Program to Display Powers of 2 Using Anonymous Function
22. Python Program to Find Numbers Divisible by Another Number
23. Python Program to Convert Decimal to Binary, Octal and Hexadecimal
24. Python Program to Find ASCII Value of Character
25. Python Program to Find HCF or GCD
26. Python Program to Find LCM
27. Python Program to Find the Factors of a Number
28. Python Program to Make a Simple Calculator
29. Python Program to Shuffle Deck of Cards
30. Python Program to Display Calendar
31. Python Program to Display Fibonacci Sequence Using Recursion
32. Python Program to Find Sum of Natural Numbers Using Recursion
33. Python Program to Find Factorial of Number Using Recursion
34. Python Program to Convert Decimal to Binary Using Recursion
35. Python Program to Add Two Matrices
36. Python Program to Transpose a Matrix
37. Python Program to Multiply Two Matrices
38. Python Program to Check Whether a String is Palindrome or Not
39. Python Program to Remove Punctuations From a String
40. Python Program to Sort Words in Alphabetic Order
41. Python Program to Illustrate Different Set Operations
42. Python Program to Count the Number of Each Vowel
43. Python Program to Merge Mails
44. Python Program to Find the Size (Resolution) of an Image
45. Python Program to Find Hash of File
46. Python Program to Create Pyramid Patterns
47. Python Program to Merge Two Dictionaries
48. Python Program to Safely Create a Nested Directory
49. Python Program to Access Index of a List Using for Loop
50. Python Program to Flatten a Nested List
51. Python Program to Slice Lists
52. Python Program to Iterate Over Dictionaries Using for Loop
53. Python Program to Sort a Dictionary by Value
54. Python Program to Check If a List is Empty

55. Python Program to Catch Multiple Exceptions in One Line
56. Python Program to Copy a File
57. Python Program to Concatenate Two Lists
58. Python Program to Check if a Key is Already Present in a Dictionary
59. Python Program to Split a List Into Evenly Sized Chunks
60. Python Program to Parse a String to a Float or Int
61. Python Program to Print Colored Text to the Terminal
62. Python Program to Convert String to Datetime
63. Python Program to Get the Last Element of the List
64. Python Program to Get a Substring of a String
65. Python Program to Print Output Without a Newline
66. Python Program Read a File Line by Line Into a List
67. Python Program to Randomly Select an Element From the List
68. Python Program to Check If a String Is a Number (Float)
69. Python Program to Count the Occurrence of an Item in a List
70. Python Program to Append to a File
71. Python Program to Delete an Element From a Dictionary
72. Python Program to Create a Long Multiline String
73. Python Program to Extract Extension From the File Name
74. Python Program to Measure the Elapsed Time in Python
75. Python Program to Get the Class Name of an Instance
76. Python Program to Convert Two Lists Into a Dictionary
77. Python Program to Differentiate Between type() and isinstance()
78. Python Program to Trim Whitespace From a String
79. Python Program to Get the File Name From the File Path
80. Python Program to Represent enum
81. Python Program to Return Multiple Values From a Function
82. Python Program to Get Line Count of a File
83. Python Program to Find All File with .txt Extension Present Inside a Directory
84. Python Program to Get File Creation and Modification Date
85. Python Program to Get the Full Path of the Current Working Directory
86. Python Program to Iterate Through Two Lists in Parallel
87. Python Program to Check the File Size
88. Python Program to Reverse a Number
89. Python Program to Compute the Power of a Number
90. Python Program to Count the Number of Digits Present In a Number
91. Python Program to Check If Two Strings are Anagram
92. Python Program to Capitalize the First Character of a String
93. Python Program to Compute all the Permutation of the String
94. Python Program to Create a Countdown Timer
95. Python Program to Count the Number of Occurrence of a Character in String
96. Python Program to Remove Duplicate Element From a List
97. Python Program to Convert Bytes to a String