



Assignment

1. Python Fundamentals

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 for simple interest
5. Python Program for compound interest
6. Python Program for Program to find area of a circle
7. Python Program to Swap Two Variables
8. Python Program to Generate a Random Number
9. Python Program to Convert Kilometers to Miles
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 Find the Largest Among Three Numbers
13. Python Program to Check Prime Number
14. Python Program to Print all Prime Numbers between 1 to 100
15. Python Program to Find the Factorial of a Number
16. Python Program to Print the Fibonacci sequence
17. Python Program to Find Numbers Divisible by Another Number
18. Python Program to Convert Decimal to Binary, Octal and Hexadecimal
19. Python Program to Find ASCII Value of Character
20. Python Program to Find the Factors of a Number
21. Python Program to Make a Simple Calculator
22. Python Program to Add Two Matrices
23. Python Program to Transpose a Matrix
24. Python Program to Multiply Two Matrices
25. Python Program to Check Whether a String is Palindrome or Not
26. Python Program to Create Pyramid Patterns of Numbers Till 10
27. Python Program to Merge Two Dictionaries
28. Python Program to Access Index of a List Using for Loop
29. Python Program to Concatenate Two Lists
30. Python Program to Get the Last Element of the List
31. Python Program to Randomly Select an Element From the List
32. Python program to print odd numbers in a List
33. Python program to print all even numbers in a range
34. Python Program to find sum of array
35. Python Program to Check If a String Is a Number (Float)
36. Python Program to Convert Two Lists Into a Dictionary
37. Python Program to Reverse a Number



38. Python Program to Compute the Power of a Number
39. Python Program to Count the Number of Digits Present In a Number
40. Python Program to Remove Duplicate Element From a List
41. Python Program to Display Calendar
42. Python Program to find sum of array
43. Python | Check for URL in a String
44. Python – Sort Dictionary key and values List
45. Python program to Find the size of a Tuple
46. Create a list of tuples from given list having number and its cube in each tuple
47. Python – Extract digits from Tuple list
48. Python program to Delete all Elements in List
49. Python Program to Enter Basic Salary and Calculate Gross Salary of an Employee
50. Python Program to Calculate the Average of Numbers in a Given List