Python Assignment By Shaurabh Shukla-1

1. Add two integers
2. Area of circle
3. Volume of a cuboid
4. Calculate Simple interest
5. Square of a number
6. Area of a triangle

Python Assignment By Shaurabh Shukla-2

1. Check Even or odd
2. Check Divisibility by 5
3. Check a number for positive negative and zero
4. Greatest among three numbers
5. Check Leap Year
6. Number of Days in a month
7. Nature of Roots
8. Arrange three words in Dictionary Order
9. Greater between real and imag of a complex number
10. Program of marksheet

Python Assignment By Shaurabh Shukla-3

1. Print first 10 natural numbers
2. Print first 10 natural numbers in reverse order
3. Print first 10 odd natural numbers
4. Print first 10 even natural numbers
5. Print first N natural numbers
6. Print first N natural numbers in reverse order
7. Sum of first N natural Numbers
8. Sum of first N of odd natural numbers
9. Factorial of number
10. Product of first N natural numbers

Python Assignment By Shaurabh Shukla-4

1. Check for prime number
2. Find next Prime number of a given number
3. Print first N prime numbers
4. Print all prime numbers between two numbers
5. Check for Co-Prime numbers
6. Print first N odd natural numbers in reverse order
7. Print first N even natural numbers in reverse order
8. Print all prime factors of a given number
9. LCM of two numbers
10. HCF of two numbers

Python Assignment By Shaurabh Shukla-5

1. Print table of 5
2. Print table of users choice
3. Print Armstrong numbers under 1000
4. Print squares of numbers from a to b
5. Print Sequence of numbers with given step and boundary value

Python Assignment By Shaurabh Shukla-6

1. Sort a list of numbers
2. Find max value in a list of integers
3. Sum of list elements
4. Create a list of first N prime numbers
5. Create a list of square of first N natural Numbers
6. Print indices of all occurrence of given element in list
7. Print distinct list elements with their frequencies
8. Sum of all odd and even numbers

Python Assignment By Shaurabh Shukla-7

1. Length of the string
2. Count vowels in a string
3. Reverse a string
4. Count occurrence of a character
5. Count words in a given string
6. Arrange words of a given string in alphabetical order
7. Check for Palindrome
8. Remove duplicate characters from a given string
9. Find pattern in a given string
10. Count occurrence of a pattern in a strin

Python Assignment By Shaurabh Shukla-8

1. Average of tuple values
2. Sort a tuple
3. Merge two sorted tuples
4. Reverse a tuple
5. Count element in the tuple
6. Sum of tuple elements
7. Create homogeneous tuples from given heterogeneous tuple
8. Find Greatest value in a tuple
9. Compare two tuples
10. Fine greatest number in a tuple
11. Check whether a tuple is a subset of other or not
12. Count frequency of elements of a tuple

Python Assignment By Shaurabh Shukla-9

1. Find common elements between two sets
2. Create a set of first N prime numbers
3. Union of two sets
4. Count elements of a set
5. Count distinct elements of a list using set
6. Create Power set of a given set
7. Check for subset
8. All subsets of r elements from n elements

Assignment -10

1. Print dict items(KEY,VALUE), each in one line
2. Create Dictionary with roll no and name as key value
3. Sort a dict according to key
4. Sort a dict according to values
5. Find sum of values in user inputed dict

Assignment -11//Functions

1. LCM of two number
2. Print reverse of binary of a number
3. Print first N prime numbers
4. Count words in a given string
5. Sum of even and sum of odd numbers in a list
6. Function to find next prime number of a given number

Assignment-12// Recursion

1. Print first N natural numbers
2. Print first n natural numbers in reversr order
3. Recursive function to print first N odd natural numbers
4. N odd natural numbers in reverse
5. Recursive function to print first N even natural numbers

Assignment- 13

1. Recursive function to calculate sum of N natural numbers
2. Recursive function: sum of squares of first N natural num
3. Sum of first N even natural numbers
4. Sum of digits of a number
5. Recursive function to calculate factorial of a number
6. All Permutations of given string
7. Find Nth term of Fibonacci Series using recursion
8. HCF of two numbers with recursion

Assignment-14

1. Define class student with input and show functions
2. Define class Employee with constructor and show function
3. Sort list of employee