**Assignments :**

1) WAP to swap the value of two variables in Python without using third variable.

2) WAP to create a DS of students (define DS as per the protocols) and print the sum of scores in five subjects and gets the each student percentage.

3) WAP to convert temperature from degree centigrade to Fahrenheit. Ex: (°C × 9/5) + 32 = °F

4) WAP to get the basic salary from employee and calculate it gross salary (Basic salary + 10% DA and 12%TA)

5) WAP to reverse a given number.

1. WAP to find the distinct, duplicate and unique elements in a list.
2. WAP to create a Fibonacci series of n numbers.
3. WAP to get the factorial of user defined number.
4. WAP to find the first hundred prime numbers.
5. WAP to accept three inputs from the user and find the greatest number among 3 numbers. (Get three numbers from raw\_input)
6. WAP to check whether the user input number is Prime, Armstrong number and find out the ascii value of that number.
7. WAP to get the count of words in the statement string and the count of vowels in complete statement.
8. WAP to Sort the list using lambda function mylist = [["john", 1, "a"], ["larry", 0, "b"]]. Sort the list by second item 1 and 0.
9. WAP to find out the leap year. (Except a year from the user using raw\_input)
10. WAP to reverse/inverse key:value like below.

dict1 = {‘a’: 1, 'b':2}

Expected result: dict2 = {1: 'a', 2: ‘b’}