

GLS UNIVERSITY
Faculty of Computer Applications & Information Technology
Integrated MSc(IT)
Semester-V
221601605 PRACTICALS ON PYTHON
Practical Assignment 2

1	Write a Program to Find the Sum of first 50 Natural Numbers using For Loop.
2	Write a program to Display Factors of a Number
3	Write a Program to Reverse a Number
4	Write a Python program that will find greatest of three numbers using elif conditional statement.
5	Write a Python program that will ask the user to input a three digit number and make sum of that and display the sum.
6	Write a Python program that will calculate the Basic Salary of an employee where : 1. HRA is 10% of Basic Salary 2. DA is 20% of Basic Salary 3. TA is 10% of Basic Salary 4. PF is 20 % of Basic Salary Also calculate the net salary of the employee.
7	Write a program which will perform following function on tuple <ul style="list-style-type: none"> · Max and min value from list · Length of the list · Sorting a list · Sum of list item
8	Write a program which will show the following operations as <ul style="list-style-type: none"> · All · Any · Enumerate
9	Write a program to create a dictionary with 5 items. Print dictionary items with its index
10	Write a program which will show the following operations on <ul style="list-style-type: none"> · Dictionary: · Return all the keys elements of dictionary · Return all the values elements of dictionary · Return all the item of a dictionary
11	Write a program which will show the following operations on Dictionary: <ul style="list-style-type: none"> · Delete an item · Compare two dictionaries · Remove the all item in dictionary
12	Write a program which will show the following operations on Dictionary: <ul style="list-style-type: none"> · Copy dictionary · Update an item in dictionary · Return the value of given key

13	<p>Write a program which will display the use of the following function</p> <ul style="list-style-type: none"> · Replicating Tuple · Slicing Tuple · Search an item with its index
14	<p>Create a list ["RED", "BLUE", "GREEN"] and perform following operations on it:</p> <ul style="list-style-type: none"> · append an item "BLACK" in it · extend it adding a list [2,3,4] · Sort all the elements
15	<p>Make a list by taking 10 input from user. Now delete all the repeated elements of the list:</p> <p>Input: [1,2,3,2,1,3,12,12,32,1]</p> <p>Output: [1,2,3,12,32]</p>
16	<p>Check the occurrence of the letter 'e' and the word 'is' in the sentence "This is Umbrella."</p>
17	<p>Write a Python program that will ask the user to input a 3 digit number and reverse it</p>
18	<p>Write a Python program that will check whether number inputted is prime number or not.</p>