**Q1) Write a Python script to sort (ascending and descending) a dictionary by value**

**Q2) Write a Python script to add a key to a dictionary**

**Q3) Write a Python script to concatenate following dictionaries to create a new one**

**Sample Dictionary :**

**dic1={1:10, 2:20}**

**dic2={3:30, 4:40}**

**dic3={5:50,6:60}**

**Expected Result : {1: 10, 2: 20, 3: 30, 4: 40, 5: 50, 6: 60}**

**Q4) Write a Python script to check if a given key already exists in a dictionary**

**Q5) Write a Python script to generate and print a dictionary that contains a number (between 1 and n) in the form (x, x\*x)**

**Sample Dictionary ( n = 5) :**

**Expected Output : {1: 1, 2: 4, 3: 9, 4: 16, 5: 25}**

**Q6) Write a Python script to print a dictionary where the keys are numbers between 1 and 15 (both included) and the values are square of keys.**

**Sample Dictionary**

**{1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64, 9: 81, 10: 100, 11: 121, 12: 144, 13: 169, 14: 196, 15: 225}**

**Q7) Write a Python script to merge two Python dictionaries.**

**Q8) Write a Python program to remove a key from a dictionary**

**Q9) Write a Python program to get the maximum and minimum value in a dictionary**

**Q10) Write a Python program to remove duplicates from Dictionary.**

**Q11) Write a Python program to check a dictionary is empty or not**

**Q12) Write a Python program to combine two dictionary adding values for common keys**

**Q13) Write a Python program to match key values in two dictionaries.**

**Sample dictionary: {'key1': 1, 'key2': 3, 'key3': 2}, {'key1': 1, 'key2': 2}**

**Expected output: key1: 1 is present in both x and y**

**Q14) Write a Python program to read a file line by line and store it into a list**

**Q15) Write a Python program to read first n lines of a file**

**Q16) Write a Python program to read last n lines of a file**

**Q17) Write a python program to find the longest words in a file**

**Q18) Write a Python program to count the number of lines in a text file**

**Q19) Write a Python program to count the frequency of words in a file**

**Q20) Write a Python program to copy the contents of a file to another file**

**Q21) Write a Python program to combine each line from first file with the corresponding line in second file**

**Q22) Write a Python program to remove newline characters from a file**

**Q22 b) Write a Python program to mask the email id except 1st and special characters**

**Q23) Write a Python program to Fetch Currencies from Web URL JSON page and store in dictionary**

**Q24) Write a Python program to List All Directory, Filename**

**Q25) Write a Python program to Connect with Teradata**

**Q26) Write a Python program to Fetch data from Web URL and write in a file & store it in Teradata Table**

**Q27) Write a Python program to Fetch data from Web URL and Writing into CSV File**

**Q27) Write a Python program to Login into Teradata using Config file. Create Table. Read data from text file and store it into table. Again read from table and write into file**

**Q28) Write a Python program to Add Two Matrix**

**Q29 a) Write a Python program to Add Node in Beginning, End in Linked List. Remove an item from Linked list. Traverse or Sort the list**

**Q29 b) Write a Python program to Add Node in Beginning, End in Linked List. Remove an item from Linked list. Traverse or Sort the list**

**Q29 c) Write a Python program to Add Node in Beginning, End in Linked List. Remove an item from Linked list. Traverse or Sort the list**

**Q30 a) Write a Python program for (a) Bubble Sort (b) Insertion Sort**