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| A picture containing drawing, stop, room  Description automatically generated | Python Programming Practical  Practical #4 | | | | |
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| **Subject/Course:** | Python Programming | **Class** | | | SY BSc. IT |
| **Topic** |  | **Division** | | | C |
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| A. Write a Python script to sort (ascending and descending) a dictionary by value | | | | | |
| Program :  import operator  d={1:'c',2:'b',3:'a'}  print(d)  s=sorted(d.items(),key=operator.itemgetter(0))  print(s)  s=sorted(d.items(),key=operator.itemgetter(0),reverse=True)  print(s)  Output Screen Shots : | | | | | |
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| B. 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} | | | | | |
| Program :  dic1={1:10,2:20}  dic2={3:30,4:40}  dic3={5:50,6:60}  dic1.update(dic2)  dic1.update(dic3)  print(dic1)  Output Screen Shots : | | | | | |
| C) Write a Python program to sum all the items in a dictionary.  Programm :  my\_dict = {'data1':100,'data2':1540,'data3':40}  print(sum(my\_dict.values()))  my\_dict = {'data1':100,'data2':500,'data3':400}  print(sum(my\_dict.values())) | | | | | |
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