Comsats University Islamabad (Attock Campus)

Assignment : 01

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Reg # : SP24-BSE-008

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**Lab Assignment**

**TASK 1**

**list1 = []**

**list2 = []**

**count = int(input("How many numbers do you want to add in list? 3 or 5 "))**

**for i in range(count):**

**element = int(input(f"Enter element {i+1}: "))**

**list1.append(element)**

**count1 = int(input("How many numbers do you want to add in list? 3 or 5 "))**

**for i in range(count1):**

**element1 = int(input(f"Enter element {i+1}: "))**

**list2.append(element1)**

**merged\_list = list1 + list2**

**print("\nUnsorted outpt: ", merged\_list)**

**merged\_list.sort()**

**print("Sorted output: ", merged\_list)**

**TASK 2**

**#my list is already sorted**

**print("\nSmallest Number is: ", merged\_list[0])**

**print("Largest Number is: ", merged\_list[-1])**

**#a=0**

**#for a in merged\_list:**

**# if merged\_list[a] > merged\_list[a+1]:**

**# print("Smallest Number is: ", merged\_list[a+1])**

**TASK 3**

**birthdays = {**

**"Basit Ali": "03/14/2004",**

**"Hasan Ali": "01/17/2000",**

**"Masood Abbas": "12/10/2003"**

**}**

**print("\n Welcome to the birthday dictionary. We know the birthdays of: ")**

**print("1. Basit Ali", "2. Hasan Ali", "3. Masood Abbas")**

**c = int(input("Enter your choice: "))**

**if c == 1:**

**print("Birthday of Basit is: ", birthdays["Basit Ali"])**

**elif c == 2:**

**print("Birthday of Hasan is: ", birthdays["Hasan Ali"])**

**elif c == 3:**

**print("Birthday of Masood is: ", birthdays["Masood Abbas"])**

**TASK 4**

**employee = {**

**"Name": "Talha Mehmood",**

**"Age": "20",**

**"Salary": "180,000",**

**"City": "Attock"**

**}**

**print("\n Welcome to the Employee details dictionary.")**

**print("1. Name", "2. Age", "3. Salary", "4. City")**

**c = int(input("Enter your choice: "))**

**if c == 1:**

**print(employee["Name"])**

**elif c == 2:**

**print(employee["Age"])**

**elif c == 3:**

**print(employee["Salary"])**

**elif c== 4:**

**print(employee["City"])**