**LAB ASSIGNMENT 1**

**INFORMATION SECURITY**

**SUBMITTED BY**

**MIAN SAIFULLAH ALAM**

**DATE**

**10 September 10, 2025**

**TASK NO 1**

# Task 1  
list1 = list(input("Enter numbers for list1 :").split())  
list2 = list(input("Enter numbers for list2 : ").split())  
  
merged\_list = list1 + list2  
merged\_list.sort()  
  
print("Sorted merged list:", merged\_list)

**TASK NO 2**

# Task 2  
list1 = list(input("Enter numbers for list1: ").split())  
list2 = list(input("Enter numbers for list2: ").split())  
  
merged\_list = list1 + list2  
print("Smallest element:", min(merged\_list))  
print("Largest element:", max(merged\_list))

**TASK NO 3**

# Task 3  
birthdays = {  
 "saif" :"03/14/1879",  
 "Franklin": "01/17/1706",  
 "Lovelace": "12/10/1815"  
}  
  
  
person = input("Who's birthday you want to look up ? ")  
  
if person in birthdays:  
 print(f"{person}'s birthday is {birthdays[person]}")  
else:  
 print("Sorry we don't have that birthday info")

**TASK NO 4**

# Task 4  
dict = {  
 "name": "Kelly",  
 "age": 25,  
 "salary": 8000,  
 "city": "New York"  
}  
  
keys = ["name", "salary"]  
new\_dict = {k: dict[k] for k in keys}  
  
print("New dictionary:", new\_dict)