Name: Anuj Parihar  
Reg No: 21BBS0162  
Course: Programming in Python CBS1011

Q1 Write a program to maintain a telephone directory of the employees of an organization. If the employee has more than one number store all the numbers. Write a program to print the mobile numbers given full or part of the name of the employee. Eg: Given name of the employee as ‘John’ the program must print phone numbers of ‘John Paul’ and ‘Michel John

Code:

# Name: Anuj Parihar

# RegNo: 21BBS0162

print('21BBS0162 Anuj Parihar')

telephone = {}

n = int(input("Enter the number of people: "))

for i in range(0,n):

    name = input("Enter the name: ")

    if name in telephone:

        telephone[name].append(input("Enter the number: "))

    else:

        number = input("Enter the number: ")

        telephone[name] = [number]

name = input("Enter the name to search: ")

print("Name", ":", "Mobile Numbers")

for key, value in telephone.items():

    if name.lower() in key.lower():

        print(key, ':', value)

    elif name.lower() in value[0].lower():

        print(key, ':', value)

    else:

        pass

Output:

Text

Description automatically generated

Q2. Write a program to store the name of the players against each of a 20-20 cricket team. The program should print the name of the players given the team name.

Code:

# Name: Anuj Parihar

# RegNo: 21BBS0162

print('21BBS0162 Anuj Parihar')

dict\_ = {'BATMAN': 'DC', 'IronMan': "MARVEL", "SpiderMan": "marvel", "Flash": "DC", "Doc Strange": "MARVEL"}

team = input("Enter the team name: ")

for key, value in dict\_.items():

    if team.lower() == value.lower():

        print(key)

Output:

Text

Description automatically generated