CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY AND

RESEARCH (DEPSTAR)

Subject Code & Subject Name: CE259 Programming in Python

Practical Examination - I
Class 4 CSE -2 A/B BATCH

1. W.A.P, keep track of when our friend's birthdays are, and be able to find that information based on their name. Create a dictionary (in your file) of names and birthdays. When you run your program it should ask the person to enter a name, and return the birthday of that person back to them. The interaction should look something like this:

--- Welcome to the birthday dictionary. We know the birthdays of:

Rahul

Sohil

Sachin

---Who's birthday do you want to look up?

sohil

----sohils 's birthday is 05/11/1996.

Question-1

```
In [5]:   1  birthday_dict={'Parth':'6/04./2001','Sachin':'2/2/1996','Rahul':'5/5/2002','Rahul':'24/05/1980'}
          2  print("Welcome to the Birthday Dictionary. We know the birthdays of :")
          3  for name in birthday_dict.keys():
          4      print(name)
          5  search=input("Whose Birthday you want to look up?")
          6  print(search+"'s birthday is "+birthday_dict[search])

Welcome to the Birthday Dictionary. We know the birthdays of :
Parth
Sachin
Rahul
Whose Birthday you want to look up?Parth
Parth's birthday is 6/04./2001
```

3. Write a function that takes an ordered list of numbers (a list where the elements are in order from smallest to largest) and another number. The function decides whether or not the given number is inside the list and returns (then prints) an appropriate boolean.

Question-3

```
In [6]:    1  def list_search(lst,num):
           2      if num in lst:
           3          return True
           4      else:
           5          return False
           6  lst=[1,2,3,4,5,6,7,8,9]
           7  number=int(input("Enter any number :"))
           8  print("Is number in the list(True/False)? ")
           9  print(list_search(lst,number))

Enter any number :8
Is number in the list(True/False)?
True
```