**Experiment No. 07**

**Aim: Make use of RE module to perform text processing.**

**Code:**

import re

list = ["Mr. Anderson", "Ms. Thareja","Mrs. Morri","Mr. Roy","Ms. Gandhi","Mrs. Modi","https://www.google.co","http://www.udemy.co",

        "www.udacity.com", "https://www.stackoverflow.com", "http://www.djsce.ac.in", "https://plus.google.com", "rishit.grover@gmail.com",

        "kapeesh.grover@yahoo.co.in", "abhishek.shah@gmail.com", "shahp98@gmail.com", "demo\_user@gmail.com", "rolflmoa@yahoo.co.in", "27777647", "233\*333\*88", "455-78-888",

        "022-240-93836", "02642\*221\*381"]

for val in list:

    if re.search("\AM[rs].", val ):

        x = val.split(".")

        print("Name of the user: ", x[1])

    elif re.search("\Ahttp.", val ):

        x = val.split(".")

        print("Website name:", x[1])

    elif re.search("@.\*[.]co.\*\Z", val ):

        print("Email id: ", val)

    elif  re.search("(^([0-9]+))([-\*].\*)?(([0-9]+)$)", val ) :

        print("Phone number: ", val)

**Output:**

