G. H. Raisoni College Of Engineering And Management, Wagholi Pune				
<u>2021- 2022</u>				
Group B :-Assignment no :- 3				
Department	CE [SUMMER 2022 (Online)]			
Term / Section	III/B	Date Of submission		08-10-2021
Subject Name /Code	Python for Data Science / UCSP204			
Roll No.	SCOB77	Name	<u>Pratham Rajkumar pitty</u>	
Registration Number	2020AC0E1100107			

Hetrogeneous list :> List in a pythonis qui collection of hetrogeneous data that means we can have different types of older elements inside any list we can store int, Flote, Str, tuples, lists & dictionaries but commonly used to store collection of homogeneous objects

These are 3 methods to Split Hetrogeneous lists

- (1) Using type()
- (1) ininstance()
- (3) Using Defaultdic+()
- Disor defined Function: > Function that readily comes with python are called wsendefined Function

The Function that we define are called

as user defined Functions

If we use others function in terms of library

then it is called as Library Function

Syntax:

def Dry_ Function ():

Print ("This is the body")

Advantages: 1 600 : for 11800

(1) de compse a large program into Small

- (2) If repeted code occurs in the Program Function can be used to include those code and exerte when needed by calling that function
- (3) large Projects can be divided into The wookload.

Group B 03 Assignment program code

```
print("**********************************
print("SCOB77_Pratham pitty_Group B Assignment 3")
print("*********************************

def list1(a):
    return (list1)
    a = ['department', 'pincode', 412207, 123.24,'name', 10, 11.11]

b = input("Enter the string :")
if b in a:
    print ("The string is in the list1 in the position: ", a.index(b)+1)
else:
    print ("String is not in list1")
b = (a) +[b]
print ("The search string is added to the list1: \n",b)
```

