```
17/06/2022
hup to get the below output -
   Sentence = "hello world welcome to Python Programming hi there"
   olp > d = & 'h': L'hello', 'hi'], 'w': I'world', 'welcome' gr
by using g

neumal J > for word in Sentence. Uptit():

Mathed
                        if word CoI not in d:
                              d [word [o]] = [word]
                              d[word [0]]. append (004)
                   dd = defaultdret (Pist)
                          for word in Jentence Split():
                               dd Lword LOJJ. append (word)
                                  dd Lword [0]) += [word)
```

Reverse the Values in the dictionary of the value is of type ching.

d = { 'a': 'hello', 'b': 100, 'c'; 10.1, 'd': world')}

by apay > for Key, value in dirtems ():

normal 'f isinffance (value, str):

d (key) = value [::-1]

elsc: d [Key]= Yalue.

```
Comprehension >
```

d= { Key: Value I::-1) if instance (value, str) ele ralue
, for (koy, ralue in ditems c)]

Note a program to replace value present in nested discharge.
replace 'note' with 'net!

d= { 'a': 100, 'b': { 'm': 'man', 'n': 'nose', 'o': 'ox',

def replace-dict (old-, new-):

for Key, ralue in dict-tems ():

if iginstance (value, dict):

for kivin Value. items ():

if v== old - :

value [K] = new =

tetum dick-

Group flowers and animal in the below tot.

items = I 'lotus-flower', 'lilly-flower', 'Cat-animal',

(Sun flower-flower', 'dog-animal')

1= {4

for item in itemd:

name 291p = 'Aem. Sylit ("-")

if grp not in d:

diarp) = Iname]

else:

d (grp) = append (name)

Shing-agament
Subship,
Slart index,
Fed index

a hodbyr brit

```
O Giorphy Res with Jime extendons -
 Files = [ lapple.txt', 'gahoo.pdf', 'gmail. petf', 'Joogle.txt',
            'amazon. pdf', 'frabook. txt', 'ft. placet. Pdf')
 (3) Nap to get the indices of each term in the below list
       names = 1 "apple", 'google', apple, yahoo, google, gmail, gmail,
                                                          gmail 7
   output Should >
    PATTERN PROGRAMS
 O for i in range (5):
            for j in range (i+1):
                Print (" rend ="")
            Print ()
                                                       ( left justified
     Ind Nethod > for now in range (116)
                                                             triangle)
                         Pm+ ("x" + now)
(3)
     for sow in sange ( 6,0,-1):
            Pint ( " + " + how )
                                                    (5)
3 for now in range (1,6):
           Pont ( f" ("+ " + now:>10)")
                                                          (5)
    for row in range (6,0,-1):
                                                            (5)
          Print (f"("# " # 1010: >12)")
```

```
(5) For row in range (1,6)

Point (P"("# "row: \lambda 10)")

For i'm range (1,6):

For j'm range (1,1+1):

Point (j, end="")

Point ()

Pot row in range (1,6):

Pat = Pat + dtr(row) + ""

Print (Pat)
```

Assignment