```
30-09-2025 Tuesday
 t= ('kash', 'pen', papes', 'bench', 'table')
 for i en t:
   privd(i)
    for j'en enumerati(i):
      protect (f" pos = { j[0]}, ral = { j[1]}')
      pos=0, val=t
      pos= 1, val = a
=> Ad values by converting lt to lest or Update values
 t3=(28, 'priya', 78,9, False, 'daran')
 lemp: lest (+3)
                       olp (28, 'priya', 78,9, Tone, 'Larran
 temp[3] = Tone
 t3 = triple (temp)
+4= ('Rose', [1, 2, 3, 4], F8. 4, [[[ 10,20,30]]) To access element
 £4[2] = 78.4
 #4[J[i] = 2
                                  [[[10, 20,30]]]=1 ch
 74(3)[0][0][2]
                                   [[10.20,30]] > 1 ele
                  =30
                                     [10, 20, 50] = 3 ch
```

```
=> lup 1= (10,20)
    tup2 = (50, 70
                                          Befor swap: (10,20) (50,20)
    prind ("Before Swap;", bup 1, bup 2)
                                          After swap : (50, 20) (10, 20)
     lup 2, lup 2 = lup 2, lup 1
    protect (" After swap: ", Sup 2, Sup 2)
 ⇒ Soot a tryple of tryples by ord Etem
  tuple 1= (('a', 23), ('6', 37), ('c', 11), ('d', 29))
 lest 1 = sorted (lest (luple 1), key = lambda 2; ×[1])
  tuple 1 = list (
  tuple 1 = tayle (lest 1)
  trysle 1
 0/p (('c', 11), ('a')23), ('d', 29), (b', 37))
Set: A set es a unorderd, mutable collection of unique element
 · Defene nerng set () @ & g
 · Of automatically delete duplicates.
 · Heterogenous en nature.
 S={28, 'priya', 78.9, False, 'Karan', 'priya', 78.9, False's
 0/p &28, 78.9, False, 'Karan', 'Priya's
 It don't prent duplecates and prent from enteger values.
 * append doesn't work en set but add()
 → 8.add (5505)
 → To delete
 (1) s.pop() Of False gr well delete
 (ii) s. semore (56) => # 6y value.
 (ii) S. discard (11) # It well remove element with or wethout
                      present in & set but it well not
                      throw any error, => man reason
  · No update operation in Set and only add & delite
  Union and Intersection 3
  81=81,8,6,3,29
  52-£9,2, 7, 1,53
  prent ("Union: ", Set (S1). union (Set (S2))
  print ("Intersection: ", sets 1. Entersection (set (52))
```

```
of this in: (7,1,8,5,2,9,6,3)

Gulessection: (7,1,8,5,2,9,6,3)

# print (51. union(52))

print (51. union(52))

print (51. volifference(52))

# Unique values of set 1

print (52. difference(51))

# - - 2

print (51. symmetric - difference(52))

# Non repealed elements of sets

# Remove all duplicates of list

l=[1,2,2,3,3,3,6,6,5]

l=list(set(l))

L
```