| - | List store primitive or | Noprimitive paratypes | al Asiana A stanton | |
|----------|---|--|--|--------------|
| - St | sociean value Imag | Finteger, Float, character | M T W T F | SS |
| | 0H06123 | | Date: | YOUVA |
| | Capal, simon (| | | |
| - | | | teverse Ind | exing |
| -> | List Datatypes. | the malex (" suit | * LE0:47 | |
| | Create list? | | -> [1,35,45,345 L 346,456 | |
| | L = [1, 345, 45, "sudh", True, 5+81345] | | # reverse the List command. | |
| | - A List in python is used to stone * | | # [[:] semove (3) [1-::]] # | |
| | | various types bata. | 4> [345, 456, (3+5)], True, Isud | h',345, |
| | | defined as a collection | 45, 35, 1] | |
| | | s of pifferent types. | # Find Data on even Number o | f Index. |
| -11 | characteristics of | | # L [: 1:21] to bay sadd willo | |
| | 1 The Lists hast | | 4 [1, 45, Sudh' (3+5)] | |
| | The element | | [der, snappeterfled de l' | |
| _ 2863 | arress by Inde | | Note ? List & string one Does Not | concalenote |
| Will. | | the mutable type. | LIS [3,4,5] Alle Terior | |
| hop | (3) A List con sto | | # Insert () ?- (Insert object before | me Index) |
| and suff | various elements | | ## LI. Finsert (1, "sudh") | 4 |
| - 1 | Import Note: | | L) [3, 'Sudh', S] bodien. | |
| | | orword Indexings | (Note +> Insert (-1, 45), this Fund | ction Fasert |
| A pa | | ig . 456 (8) (8 (8) (8) | the 45 value Insert ofter t | |
| | | 3 4 5 6 7 | La [3, 'sudh'] 45,5] | |
| | 1 2 3 4 | 5678 | # pop function (pop()) :- remove | Inclement. |
| (Éfic | -8 -7 -6 | -5 -4 -3 -2 -1 | -# L1. Pop() - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | ice Index=-1 |
| | Backword and | exing | L) [3, 1 sudh's 45, \$] | |
| 业 | 1 = [1,35,45, | 345, "sudh", True | ., 3+51, 345.456] | |
| List | 7 01 2 | 3 Hapt of 5 | rollinia no almos ei et a co troa | the state of |
| L | | heck the bouta type | # LI Wassall axil salatons | |
| | of Lista Hand | | → [45, 3, 'sudh', [2,3,4],4] | |
| | # LEO] | # 1 [90] | # Remove Function (Remove ? Remo | ve first |
| 418,413 | → ± 000 00 000 | 13 throw error | occurance of value). | |
| | # ~ L[2] | Eindex out of bound | # LJ. Remove ("sudh") | |
| | L> 45 | range | Ly [45131 '84 [21314] 14] | |
| | | | , vels ro | |
| | | AND THE RESERVE TO THE PARTY OF | (SUPPERSONAL) HEOR . I J. II | |
| | | | [9,8,4,8,8,8,8,0,08] | |
| | 1 | | | ' ' |

| | mutable : changeable | (# List is mutable.) |
|--------------|--------------------------------------|--|
| - | Page No. | M T W T F S S |
| AVUO | Date: | # Li4 Date: YOUVA |
| (4) | L1.7emove(234) | Ly [sudh , 'pwskill, 'kumar', Data science |
| | 4 List remove (x): x Nor in List | # L4. Index (" Sudh") plotos toil |
| * | Condition : एका List ख्या आली List | Create cist? |
| | ला कसे remove कायारो | La England Company and Constituted |
| | # L1[2]. remove (3) [1:3] # | # replace (): It is work on mean |
| , 348, | 45, 'sudh', [214] 4] | mold string to New string Land |
| | 1 1,88,84 | store on New memory Location. |
| A 96 nt | append() > Insert the elemen | of votues as items of ailferent total |
| | after the end of List!] = = | |
| | er. (11. 164) 18612 184 113 61 | -> A tuple is a collection of objects |
| | [451' Sudh', [214] \$4] | which ordered and immutable. |
| Concellenate | ## L1. append (4) 1011 5 91011 | -> Tuples are sequences, Just Like Lists. |
| | 니 [45, 'Sudh', [21월] 141월] | the differences between tuples a List |
| (xapara | # sneet 1) ? (former player before | are the tuples Cannot be changed |
| # | ्या १८००१८८ विभवस्था होन | Unlike List. & tuples use parentheses |
| | method. [a l'abbat a] a | whereas List use Square brackets. |
| 4 colai poss | 1 temporary @ permanent | Amizalas Francos ao sexu tais |
| polov 1803 g | O ex. LIE: 111 et en | ex. t = (2131415, "Sudb", 45.56, false, |
| | 4 [4, [2,4], (Sudh, 45] | 49+457) |
| +namalan | # 606 murios (606()); - seucos = | 12346678 |
| Luonisad 1 | © ex. L1. reverse () | [2, 3,415, "sudh", 45.56, False, 45+457]) |
| | L> [4, [2,4], 'sudh', 45] | Europert Francisco |
| | ्राचा उपकापत्रा | # type (t) # t[0] |
| | 41 13 work on Similar | 4 tuples 42 |
| | batatype, Like Integer. | # Len(t) # t [-1]) aget a |
| | ex. L2 = [45,23,90,013,415,6] | 49 45+45+11 40 |
| 72417 2 | # 12.507+()) post oron accompany # | # 46:5-73 # |
| | L) [0,3,4,5,6,23,45,90] | 45 (45+ 457, false, 45.56, Sudh', 5,4,3,12 |
| | # Sarut as Those his ? i | the composition as part of the composition of the c |
| | * sort on dasen descending | [shune sheet |
| | orther. # L2. Sort (reverse = True) | |
| | L) [90, 45, 23, 6, 5, 4,3,0] | |
| | - [30] 421231 61 3141310] | |
| | | |

| AVUO | tuples have only two function © Findex | + why are you use set? Set is gives the unique T w T & s Douta. ex. Date: Youva |
|---------|--|--|
| | ex. £2,314,5, 'sudh', 45.56, false. | er. 545 {21 314, 51 415, 2, 8 } |
| | 45+457) | La { 2,31 4,5,8 } |
| | + t. count (3) | L'agreem survive proget |
| | Ly 1 4 1/1/1/1921 | # Se |
| | # t. Index ('sudh') | 4 { 12,12,1 23,1 234, 342, 45, 456, 567, 789, 'abc' |
| | Ly 4 . A proposition of the | # 95. 000(4) |
| | F. H. | L> { 12, 2, 23, 4, 234, 3,42, 45, 456,567, |
| 3111 | set It will build an unordered collection of Unique element. | 196c', 789 } |
| | Set %- I do a la colon well & the | noiseastablestoned court tes (a) 44 44 |
| | A python set is the collection | # comprehension function :- |
| | of the unordered items. each | there are two types of comprehension. |
| | elements in the set must be | 1 List comprehension |
| | unique, Immutable and the sets | © set comprehension: |
| | | (omprehension It is method to |
| | -> sets are mutable which means | |
| | we can modify it after its | code. |
| | creation. | 0 ex# L = [1,2,3,4,45,5] |
| | - we Cannot directly access any | 出 山= [] |
| | element of the set by the Index. | # for i in L |
| | | d L1. append (i**2) |
| ± | SI = \$ 13 and benefit well | H LI /do actioning el |
| 当 | type (SL) | [4 [1,4,9,16,2025,25] |
| | 13 dict and proteins from the | D # L |
| - | 82 = { 2,3, 4,55,67 | 4 [1, 2, 3, 4, 45,5] |
| | # type (62) | # [i**2 for i in La) 11 example |
| Marie I | L) set | List comprehension function. |
| | # 53 = {324, 456, 456, "sudh", 45+ | Ly [1, 4, 9, 16, 2025, 25] |
| | 455, 34. 465 (2,3,47) | # statement? - Find the even Number in |
| | 1) typer error !- unhashable type: | given & List . ex. Df List L. |
| - | List'. | Calleman of suit Edwards # |
| | # 33 = { 324, 456, 456, "sudh". | # [i for i in L If i'/==0] |
| | 45+45j, 34,465} | L> [2,4] |
| 11 1 12 | 456 324, sudhi, 456, 34,465, | (((14 m 231)) (18 m 251)) |
| | 45+45)} | |