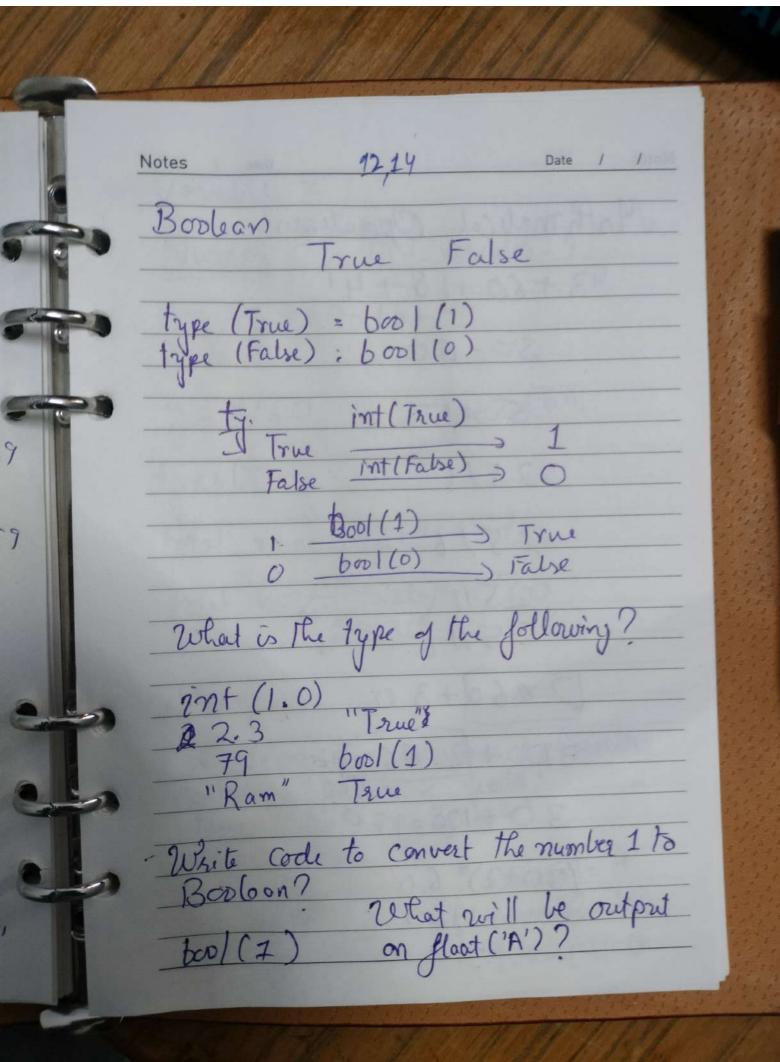
Notes, Varrow Core Computer Science Send email to all & POS Intendial. Eunway NUST Peradeniya King Mongkuls print ("Hello Pythen 101") # Comment Semantic 4 Syntactic Errors. What will be result of executing.

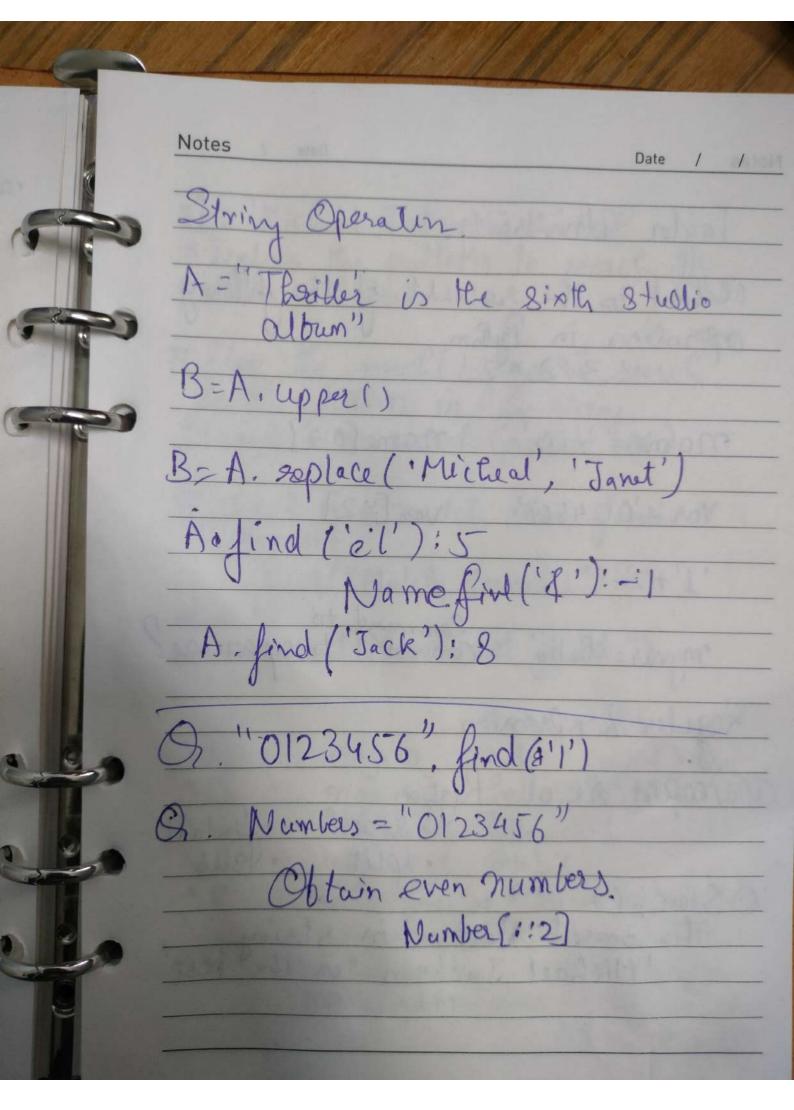
(print ("Hello \nWorld!")) #print ("Hello World") Data Types. Integer 11 int Real Numbers 21.213 than 101" str Hoat

Notes Notes type (11) -> int Boo int =-4, -3, -2, -1, 0, 1, 2, 3, 4. Hoat 0.1,0.2,0.3,0.4,05,06,0.7,0.8,0.9 0.51, 0.52, 0.53, ... 0.59 type Cast Convert int to floor Who flaat (2)= 2 int (1.1) = 1 lose Info int (11)=1 int ('A') = Error. X Str (1) = "1" 8/2 (4.5) = "4.5"



Notes Date / / Mathmatical Operations 43+60+16+41 30-60 5 x5 25/5 25/6 25115 2 \* 60 + 30 30 +2 \$60 30+120=150 (30+2) 66 1920

my-Variable = Numpy my-Voriable: 2 X=43+60+16+41 X:160 g=x/60 y=2.666. total\_min = 43+42+57. total her = total min/60 € 2.367 atring A string is a sequence of characters contained within 2 quotes: Name = "Micheel Jackson" a can single quote: Name[6]='M' Name[6] = 11 ----- Name[13]: 0 -15



Notes laylor University operation in Python The following 3+2 x 2 name = 'Lizz' name [0:2 Vor='0124567' Vor [::2] 1'+'2' myvar= 'hello' Convert it to appeacose? Leguler Ly pression import re O Search () This Bearch 'Jackson' in string 'Michael Jackson is the fest'

Id digits 123 Id Id Id Id

Non-digit hello DDDDDD

word frector hello-world

mon-word cl OHD/,

space, newline, tab Relloward (valw) lw |s |w|

non-whitespaces helloward (Valw) lw |s |w|

her word from world (S) He

hat ches boundry Cent matches

how word from world "b Cat | b" in

"I love Cot was pet"

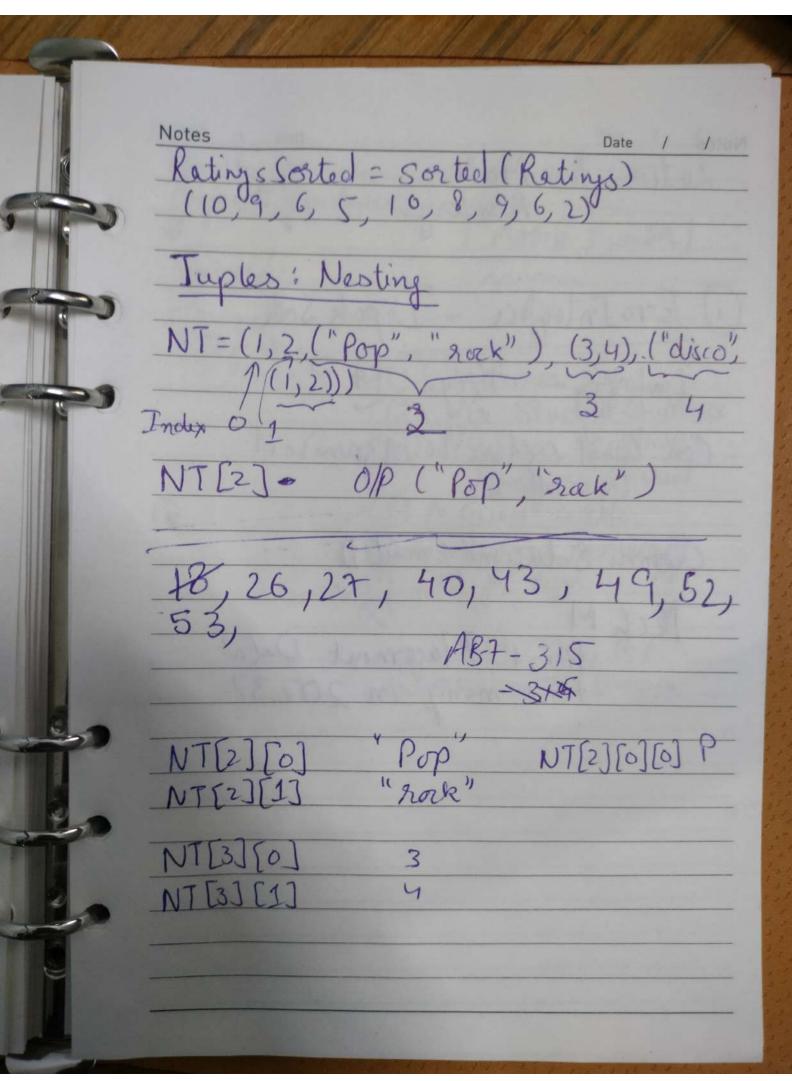
18 any Position Biet B methods "Category", but not "The Cat set on the mat". Notes

Notes Current Profile Area ReLocation 1 Expected Sol Time to Join / Data Worehouse Marish Data Analytics/Full-Time Bharna Software Company. AIML 80Kpm CA PA HIGH LDP Shored List of Experiment 3hored Prepared Orige 4 Lat Assignment / Assimment Lmuil Buiz morts.

Notes DEI SPOC MOU Twining Programme Kit to 100 Students Blue T- Shirt Wednesday By Sponsorship Book E (conference / IBM / 424 Cor from Station 1-2 Tapi B6000/-B6 000 /

4 Linch Compound data Types Tuples are ordered sequences Ratings = (10, 9, 6, 5, 10, 8, 9, 6, 2) disco' triple 1= ('clisio', 10, 1.2) type (tuple 7) OP: triple triple2[0] 6/19 disco' (-3] Concertenate in types. tuple 2 = tuple 1 + ("hard rock"=10) (disco', lo, 1-2, "hardrock", 10)

Notes Date / / ce: tirst 3 elements typle 2[0:3]: ('disco', 10, 1.2) Slice: tuple 2[3:5]; ('hard rock', 10 Note: - Last index is one larger then length of len (Type 2) tuples are immutable Rating 1 = Ratings. hatings7 10, 9,65, 10, 89, 6, 2) Kating 1 -Rilings = (2,10,1) Ratings -> (2, 10,1) > (10,9,6,5,10,8,9,6,2)



Notes Letter for Malta Petersberg Date ( ) Era Interface - Dipak Sah Infosys - Priya T4P Con Guest Lecture le organise de ly other. Cremni Solutione email[]) Pech M Post Placement Data How many in 20237

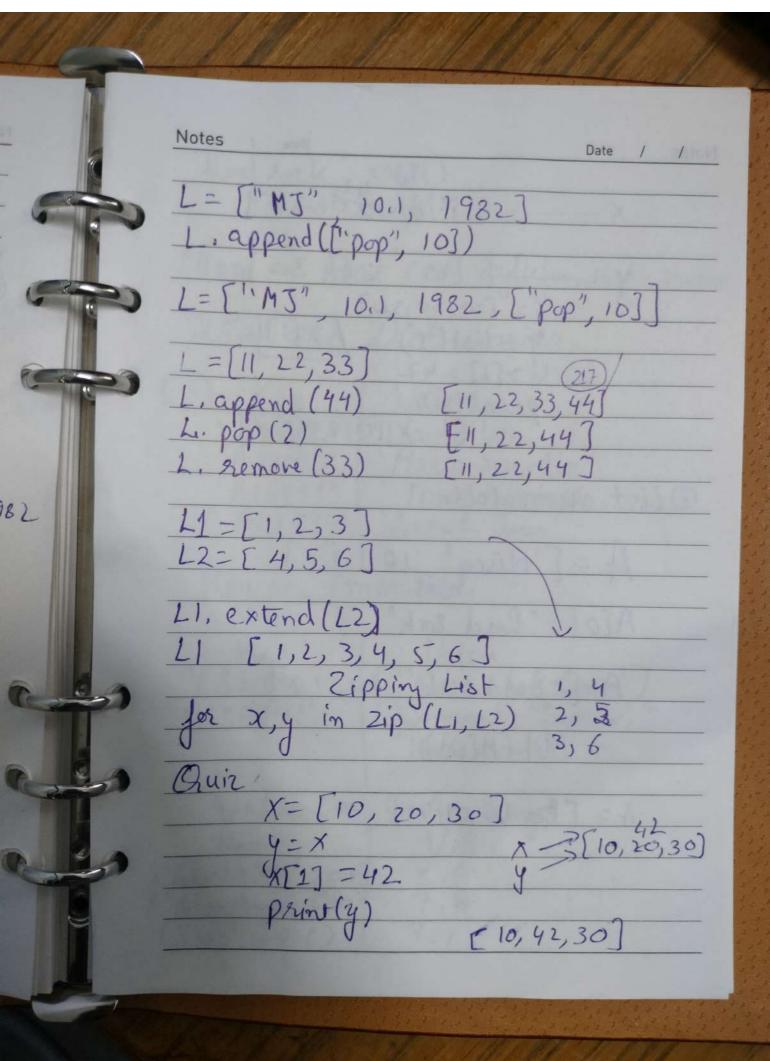
Project guidance - Mahiti son Mobile number Seminor Profile Derning Sep\_ DPGr Student Gruidence Visiting Academics for 3 years / Vistual A greest Letterse Roviewer / Reviewery Call for Paper +94 77966 768 Lere Faculty & Domain

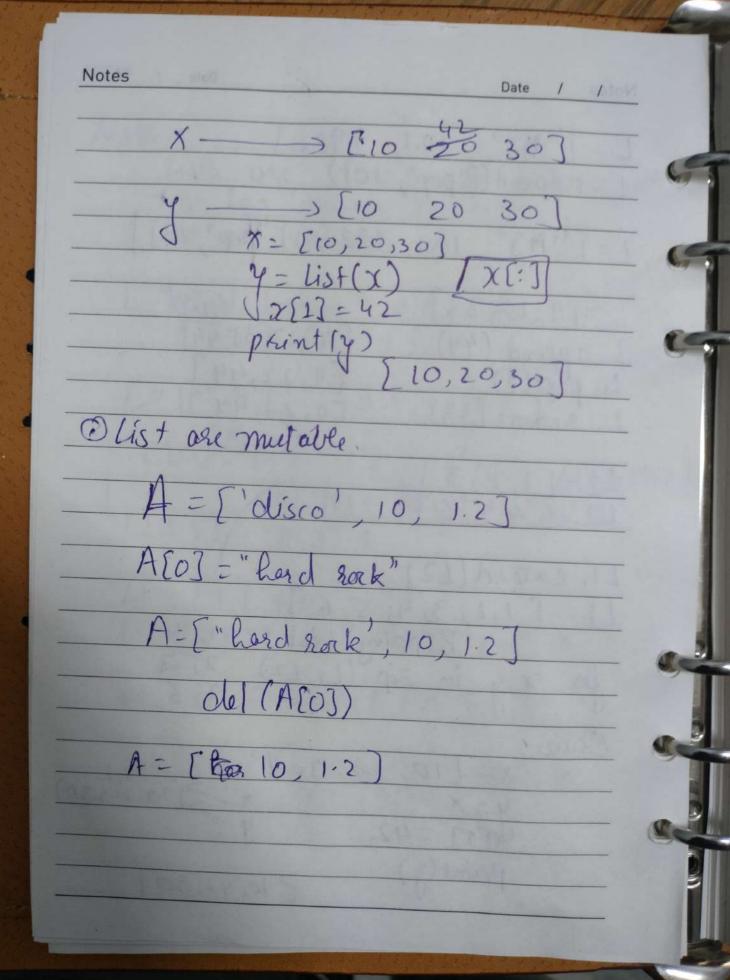
Notes Date Koynote by Dilip 17-19 Oct 1615-00 / Dhoram Dr Dherem visit in December Submit for Project - RFD Reviewer Circullum Review Staff Exchange Collabrole on solor Energy
- This week Boint Ciricullum Development otherson/Embedded

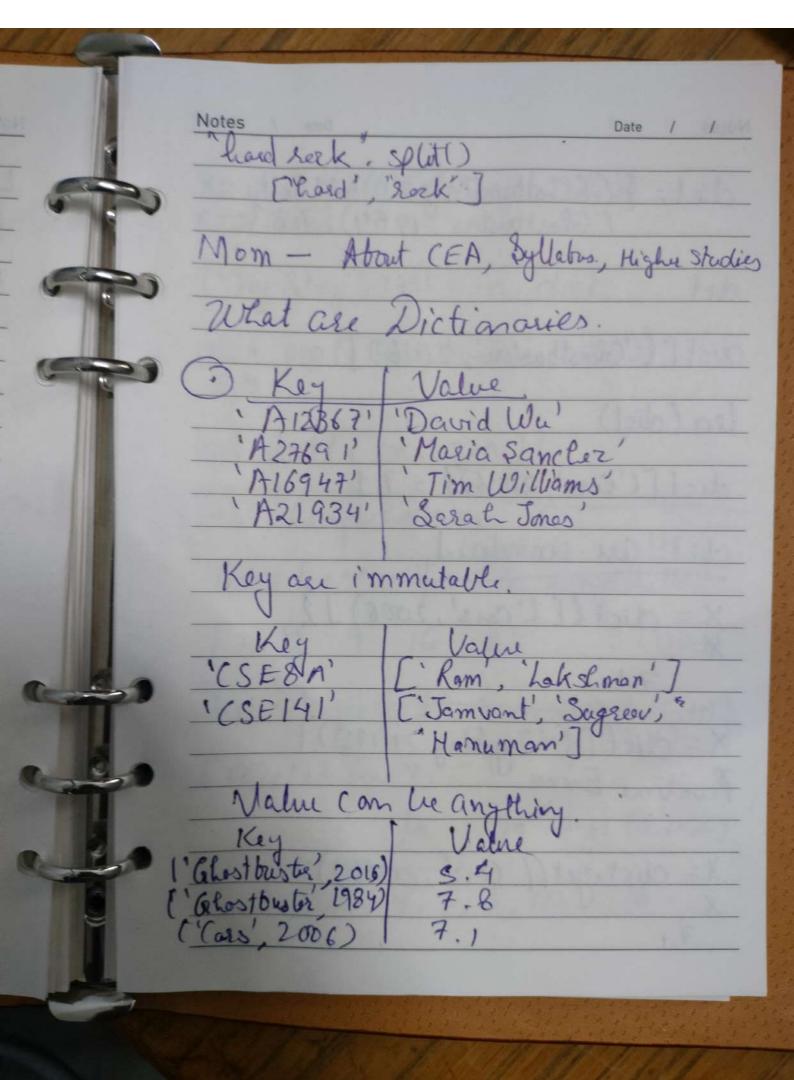
Notes Turning Programme 21,29,31,38,39,
40,43,45,49,57 Germany PRD Dilip Roman at December 5-seat Krisho Valley - X: \*

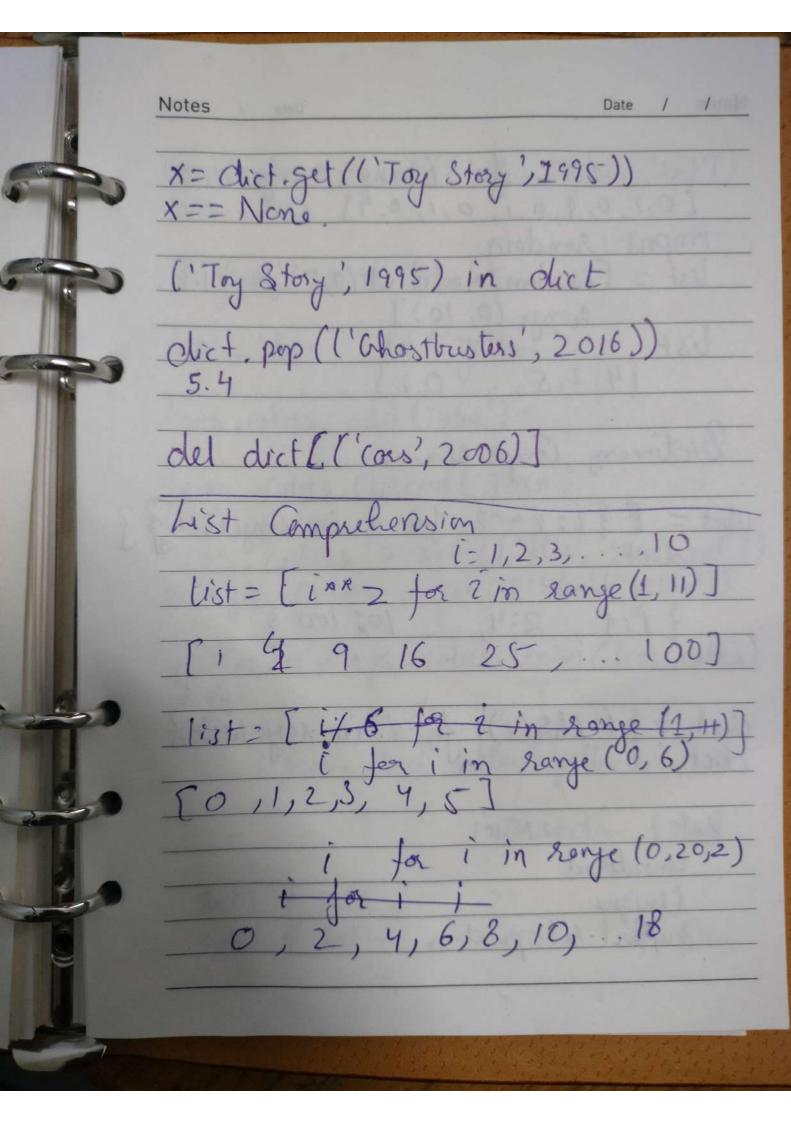
Notes Date / / Lists Lists are also ordered Seg List has square brackets List are mutable ["Michael Jackson" 10.1, 1982, [1,2], (A',1)] L=["M]" 10.1, 1982 L(3:5]: "M3", 10.1, 1982, "MJ", 1)

L(3:5]: "MC3", 1 L1 = L+ ["pap", 10] LI= [1795", 10,1, 1982, "pap", 10] L+ L1. extend [["RP" 36]) LI = ["M3", 10.1, 1982, "pap", 10,
"RP", 36]









Notes [0,1,0,1,0,1,0,1,0,4] Range (0,10) import random list = [random, randint (0,5) for i in hange (0, 10)] 13+  $\{4, 2, 5, \ldots, 0, 2\}$ Dictimory Comprehension Olict = E {i:iarz for i in lange(1,11)}} {1:1, 2:4, 10; loo} dict = {i: Chr(i) for i in range (A) dict 3et Unordered Unique Support set operation

Notes leos-colors = Set (E'blue', 'green', 'red'] leas-colors & 'green', 'red', 'blue' 3 leon- Colors. add ( 'yellow') leas colors add ('blue') leas\_colors, discord ('green') leas\_colors = set (['the', 'green', 'sed'])
ilkays-colors = set (['blue', 'yellow']) either = ilkays\_colors. union (leos\_colors) 3 green, red, blue, yellow } Intersection & blue} Set 1 set 2 Set 1 & set 2