Data structure Tila Misoria سائمان موسان الما الله على المراد - Python is supplied a sino. ge your color solice cross Plat Form lebapplication - machine Learning lis = you co well is prom G windows - mac - Lunix - mobile Phone libraries = fullication of all of all a sade mabble application Jel md Toc · Print ("Hellow world") which = Print () les 100 que. (120 00 celal) tulld (contract of the state of Print (" Salan") Print (12345) or Print (faise) (X) Jewi (Print - juit. - 151ècis l'oc Print (True) Print ("I Love Python") & Kint (I Love Php") capital osmall of the Thorn of the Capital of Thorn of (Variables) *= Liciol ع هو مكنين إعفاده قسة و مكنك دينر تلاد القية إلى قية الحرى. Memory کانون نخزن عناد

I'm The oxies is nonty :name = "salah" -X Ilsamn' jog i suli jog 10 A Ring Fors in which billit to Ew - isch want is 2 y X \$ threed # , \$ apollog & minimis & * Comment Felsivisi Lacior [low # # Print CI Love Python') (inox jo wint vers Concatination name1 = 'salan" >> # string

name2 = 'hassan" >> # string Print (name 1 + name 2) -> salah hassan for some election at total print (20 + years) => # error Frint (name 1+" "+ name 2) Print (str (20) + "years") - # 20 years (contation) print (Salah + hassan") number, 57 ring incontation del mession. أَنْواع البيانا ___ (النصوص - الأرهام -) ve -> string red -> int & float, double Jein -> True-False 4 (Bolean) LISTA] Tuples = () dictionary ?

String X= "59 lan" X= (salan) salah Print [X] 8xiv 14) [Strope goutes] - 15 coil Géro conc कारक रिया है। कि की रिट्ट की निकार (रामके रिट्ट (रामके कि x= Salahhassan football bastet " [single douter] == [double gouter] be of consains. ويدا در اعدا به الم X= 591ah " hassan 3) 3) wolen aln (arlelia) y & b = = This was 1 ad Course gours = [Jourse gours] ellowses X= "salah (bassan)" == = 1 NSI (back Slash) Osciem istalio Tripple goutes de lossioles prime X= Salan hassan 11 b1 + UN

attue = gullian continas = aprilip X= salah hassan -> B = 9.6 Print (X[0]) index ري مي المراجع عرف الح Brint Crisis -> Salah string espesia 1 noi Punction Mes as ais (bullt in selvice MMe = " Salah" Print (name oupper 0) - # SALAH

Coupital si egs l'agé aupper

upper small sicelleed (Lower Print (mame. Lowerc)) - Salan name = Salany Print (name - is upper ()) ____ # fave print (nameris Lower()) ____ > # Trup FIRE + capital assoult costo eisupper Trup esmall-0,000 leelle ciche islower. name 2 salan print (name. capitalize ()) -> # Salan [lossiblie] capital cip del desse capitalize Captul Jalanio ies lo lasso 15 les + the outres Name = "Salah hassan"

Vint (name - capitalize()) -> #Salah hassan

· SPIIt - FUNCTION الوطاعة = 11 57ring [] - [ist din - Program-lan = " html CSS PAP C++ Python" Print (Program_Lan. SPlit ()) ل فامن سے مارہ کلعنفری صنے اورا # 201 - [html', (ss), (prp), (c++), (python)] Print (Program_lan. sprit ("-",2)) الم يمن هيظي أول فتمين لاوامره لوصطا والمامي 26 (Oss , (Oss , (C, O) # 2isl -> 51 html > Ess's (Php-C+-- Python) SPIT ot Lose (VSPAt) = bear 2060 Edgaille # نص دركما lan = " HAN ESS R PAP is 12. Print (Lan [3]) -> # L (M) 2000 Print (lan-index (m)) -> #2 طب لو کان ایم عدد اکوم المودوده و المکیر لومان ایم المکیر X= Salan hassan Print (X-len()) -> # 11 aboltoals (9) Copolto Cop Jus Verlace Com als co X= "Salan hassan" Print (x - replace ("s", "A") - 351 # Aalan ha AAan Print CX. replace ("saun", "Ahmed" 2314 Ahmed hassan 10)

pto y numbers طالو الزاري في المحدد أله الماليون integer -> 14 Print (type(14)) - ># int float -> 14.5 complex > 7+9j Pleister For Function le 120 bis Print (round (7)3)) - > # 7

Print (round (705)) - > # 8

Print (round (705)) - > # 8

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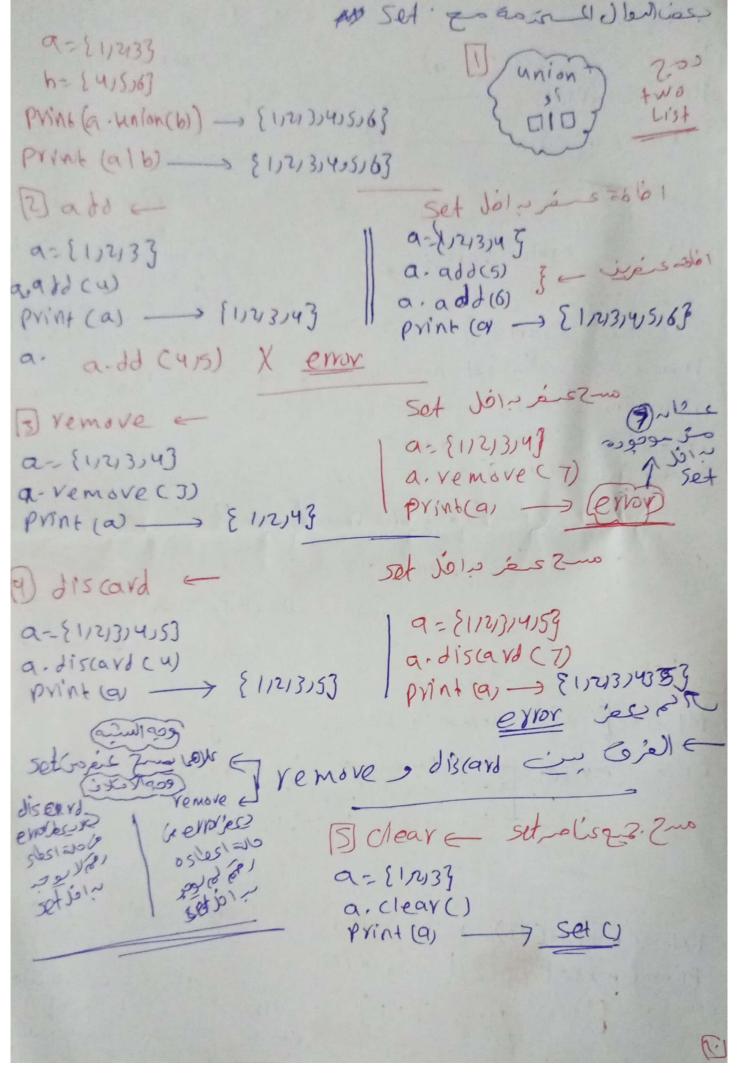
4,00 · Print (Floor (7,91) - # F) يم الرقع الأعل العلم الأكال الأكال Print (ceta(5,1)) - 5 8 الأحل Print (Pow (213)) - > # 8 (Print (2 *2 €) -> 8 [[[] [] = abel[] 2201 الرهم الأكال Print (max (4,5)) -> #5 الرجم الأعك Print (MIN (415)) -> #4

Input x= inPut ("enter your lan1: ") 2= input ("enter your lanz: ") enteryour land: Php print Ellave" + x) ~ enteryour lan2: C# print ("izove + Z) 2511 = i LOVE PAP rsalar / Fale of 1900, city Coloning to List JOIN List atsile Lista=["ahmed", 1, True, Fals 10, 79 [1,2,3[1,213,4]]] lob list exp Print (Lista) ># Print (Lista(0)) -> # ahmed! or ameder cista=[salan , 1, 2, 3, 4,5] P Lista [0] = "Hassan" Print (Lista) -> #["Hassan", 1,2,3,45] List eo pensue des 202 Dappend (Toble Englist Mill pies doby prim X=[1213] x-afferd (4) Print(X) - # [1,72,13)47 تَأَذَ قَامِينَ / حيث بِمَ الْمَا مِن الْمَا عَلَى اللَّهِ فَا اللَّهُ فَا اللَّا لَهُ فَا اللَّهُ فَا اللَّهُ فَا اللَّهُ فَا اللَّهُ فَاللَّالَّا لَا اللَّهُ فَا اللَّهُ فَاللَّهُ فَا اللَّهُ فَا اللَّهُ فَا اللَّهُ فَاللَّهُ فَاللَّهُ فَاللَّهُ فَاللَّهُ فَاللَّهُ فَاللَّا اللَّهُ فَا اللَّهُ فَاللَّهُ فَاللَّهُ فَاللَّهُ فَاللَّالَّالَّ اللَّهُ فَاللَّالَّا لَلَّا لَا اللَّهُ فَاللَّهُ فَاللَّالَّذِي اللَّهُ فَاللَّهُ فَاللَّالَّ اللَّهُ اللَّهُ اللَّهُ فَاللَّهُ فَاللَّهُ اللَّهُ فَاللَّا اللَّهُ فَاللَّذِاللَّالَّ اللَّهُ فَاللَّالَّالِي اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّا اللَّهُ اللَّلَّا لَلْمُلَّا اللَّالَّالِي اللَّهُ اللَّاللَّذِي اللَّهُ اللَّالَّا لَلّ X=[11213] x. ANSert (1, 11 sqlah 11)

settend vess to list 2 700 X=[1/1/)] Z= [45 "squa" shassan"] X. extender) 1214 [1,2/3,4,"salah", hassan"] @ Sovt € [0->2 Julan], d'ell/ plo, si cui] X=[4/2/31, 5, 9,0,3] 2 = [" saan" of Ali" of tamer"] X - 504 () -> 450,3, 4,5,9,12,31] ustão Print (X) print (2) # [Ali's salan' Stamer] (ste 2 Sort Creverse = True) Print(2) -> [tamer' staran stail] اناله لعنفوام سامل المرائع 5) remove elist list all 6) clear = X-[12/3/4059kh] x-temove(4) Sprint(x) - 251 #[1,213,59 and) Spring (1) = List rist

(Tufles) -> 0 land shall west tuples = (1,2,3,4,5,6) Print (tuples) -> H (112,1314,5) tuples [0]= = > # Type error insualty us dictionary) > {3 am bless als (name anned info = ["name": anned, "age": 25 · sue se por ist " country " . " egypt " } Print (inco) 2001) # [name: anned'; age': 25, (ountry); Egypt? Print Cinco C'name] -> # ahmed Print Cina [age] -> # 25 Print (infolic a univisa) -> # egypt Print (inco. get ('id", " not found") -> # Not found signification de None roylée des get ans com · Lictorary John July aviore not found, ... دُ مِنَا رَحِمُ اللهِ مَا رَحِمُ اللهُ Set > 3 My set= E"ail" "Ahmed " g hassan" & salan" } Drint cmy set) Fit & (Anned's a 11'), (Sqlan), hassung staland, 'Anned's nassunday' ?

Lisais 37) 5# (hassun, la 11') saland, 'Anned's index was mesos Print (mysetCo]) -> error print (my set [0:23) - servor 98 [3 TS | Dución Mysel = { 122/3, Sala", [1,213]} -> error Myset = [1,2/3, "saku" [1,2/3] } error

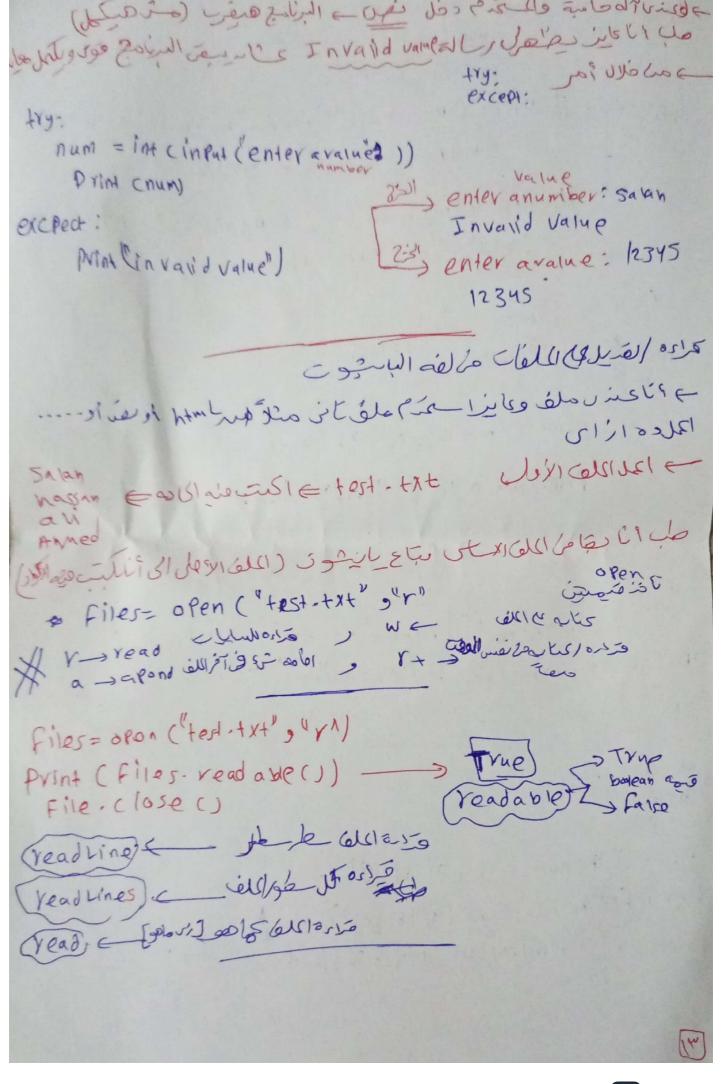


bornmore batuar a) (a Punction Us plyst function (name, ago): Print ("my name is": thamp + " yourage is: "+ Str (age)) First function ("salah", 20) del calc (numi, numz) (Veturn) Punction S Finglesberry? returning + num2 Print (cake (0,5)) egyptian-Trup if egyptian == True print ciam egyption) -> 21 i'am egyption if not egyptian: -> # flase = egyptian aio if egyptian; _ > # True = egyptian and (II, else) email = " X @ 9 mail - com" iles leix PRISHAND = 1234 5678

IF email = "X @gmail-com" Find pas ward = = 12345678;

PYSON (" WOLCOM!). Print (" welcom"). eiff email== "x@gmail-com" and Pusward [= 12345678: print ("in valid passward) elik email = (x@gmail-com!) and Pashavd==12345878: Print ("Invalid email") 331 H welcom O ISP Congit La print ("Invalid Passward and gmail")

1-1 while i <= 10 2 simil While i <= 10 pt=1 prink() print (i) 1+=1 esia implantation. 1-1 while ic=10 Continue poi all'ilies 1+-1 breek 25 2 21 -10 -10 We / 16/5 it 1 == 8 Continup -2,5,4,5,6,7 (8) نيخ 5 ولائي السيامع printij For name in "Salan": Print ("salan") -> Lan- ["Java", "Python", "CH", "C++", Javascript"] For Lista in Vane (Len (Lan): Java > Rython Print (Lan [Lista]) C++ Ja Vascript



formating name="salan" ago = 4701 (outin = " ogyA" # Print ("my name is" + name + "my age is" + strcoe)+ Confatination " my nationality is + (auntry) H Prince Como name is 905 my age is 905 my nationality 15 % " % (name, age, county)) print (my age 15 % = 1/890) -> 20,000000 Print(my a yels %.3 [/age) -> 20,000 name="saan" formation to 111/6 # print (myname is + name+" my age is"+str(age)) APVING ("my name is %s my age is %f" % (name age) upvint (my name is & 3 myage is & 3"-format (name, 20) 9-1 b= 2 (=3 Print ("the nums are [a] [b] [c]") -> 5 Prin (For 14me nums are (9) (63 Ec3") -> 2 Brint (f the name are {93. { p:363 (c:58)3 2/000 \$100

Modules juste diais X. My Celals! det callwane (name): print (fx my name is (name)) (all Wame ("ahmed") cesul/de dey/cell import X X. Call Name ("anned") my name is a hored Que allo coisí endelo took from X tomport Callnown can name (anned) Modries applice sigh import mater (ell()) magn) ~ (ell(101) -> 11 -551 2018671
Floor 5100(719)->7 '20 M 2018601 from math import ceil Print (cell (7,9)) - \$ 7 Print (random - randint (1/0)) - Candint Store Series import random 2/21 # 5 7 9 22 - 8 2 Lists Who & From random Import @ ALL print (randint (5,15)) 12 8

affer the tilled 3 900 oBject - oviented - Programming object ماعيد حوال closs servil variables ino Chass car: Function def _ inft _ (self): 9190 printing 110. Words) Cav() 1234