Task 4: Use basious adata types, list, Tuples and actionary ens
python programming key terms Lovered: Data types, lest, Tuple 1 ret. Dut. 4.1. lest apiteria sales Dime Revid on captherias' snouth solves for Trology wing a lest; compute total rand average sales, find the best pushed as count how many days revised a target. In your vollege vapterla, the sales 2. Treate an Emply lest sales = 0.
3. For 7 days, append integer vales etc lest many appende stgdittim! 4. Find man val = man, min val = men 5. 11m. 5. stop. program : * ust scenario. days = 7 Parget = 500 # target sales for the slay simple- entres = ent (inpect ("Enter ithe seven days soles for s in range (s): sales, coppend (sample - entre) # lest append() total z sum (soles) avg = blal/days best colony - sales where (mon rale) + thist. Ludency man-val e man colos worst day = soles trother (with _ val) +1 Pourt ("sales (Mon. Sun): 4 sales) Print ("Total 14, total)

Print ("Avage", sweed (avg, 2)

print ("Best Day,", best day, "with" manufal) prent (" worst Days", wast slay, "with mem val)

output;

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Al Habethon = E'AI', Au; AV AS, Az'S.
Robotter challerge E'Tz', A7', A3'S.

Bort Ruent : 2'Az's

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42 Tuple - Lab Terretable dim: To manage Equery can immutable daily labshot detredule mong a ctople, demonstrating meniberates eliete, count (), indone () & sleung algarkumi 2. Define what was found tuple of entigers s ricad query how. 4. olive into morrey & afternoons 2. 9pb. 16t = (9,11, 14, 16,14) # comutable dally schedule enile = (quousy en slots). query 214 freq = slots. count (query) # tople couple () first - pos = slot . under (query) +1 of sexual air NIA. monig = state [: 2] afternoon = slot [2:] pourt (" All lab Nots:", Nots) print (f" is Equery); 00 present ? " Everts) print (" Morning dots: ", Mancry) print (* Afternoon Stots : 4, Afternoon) 4.3 Dittomory - Bookstole Billing Asist voodstois prue lest es stored en a determony where keys vare etem names andvalues are prices. Algorithm: 2. Cetate an Impty dateonary pieces. 3. Who the user of the number of etems in posses lest (n) 4. Repeat for Each stem: 5. Get the stem name. 2. Cret the tens plice.

7. Add the item & price to prices. new pues 8. Ash the user into in pieces, get the 9. stop. Program: Palus = ES number of stem un place lest: ") n1 = ant Cupert (" Enter for - in range (n1): stem = inpert ("Enter them name")

Price = float (input (f" Enter place of Enterny")) prices [tem] = price # optional price remision. the clam to update plue (a plus revertern = lupert (" Enter Enter to skep): 4) if new-stern un pleces: new-price = float (input (4" ruter new price for Exer_thing;) prices. explate (Esev-etens: new-plece))H dect. updeate (1 & Fund costlest class austliert - Mem z None mon - picce = 0 It tem, pue in plus. stoms (); if prile > man - plice: mon plee = price closellient - item = stem # remove out-g-stockters summer - etern z impect (" Enter on eterns to survive from prue lust (or pless enter to Mup): "). print (" A Available thems;) but (plus keys (M) # dect keys)
print (" Print (plus Value())) # dect value() * peopley results if constituent - etem!

punt (" withentitern!", withert- etem, "at " non-pecce)

44. Set - Tech Fest Participation Alm: Two wents, of touhalthon & Robottes shallinge, have parteupants ; 106 isfored in two sets. of Get of Gacharlion participants ai - hackathon = set () MIZ ent (input E" Enter number of parteupants in Al Halldon for - in range (n1): prol = expert (" Enter portrepourt. 10; ") as - harkattion, add (pd) # act Robotes Challenge participants
Proboctes - Mallenge = set a n 2 z ent i Imput en entes number of poeterparts en Robotas drallenge: 4)) for - in viange (n2) Pid = enpert ("Enter partespart 10: 4) noboties - challenge, add (pid) add a late regestrant late-id a input ("Enter withdrawn parturpant is horn Robosais challenge: i bi - evamer G. & set operations bothe ai hachathon. intersection only -ai z ai - hauliblion. Afference only gostates = gostotees - rhollenge Europee - all = ai - houleadhon. enton. PERFORMANCE (5) RESULT AND ANALYSIS (5) MYA VOCE (5) -RECORD (5) -Result: Thus, implementing of HIGH WITH DATE

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Python programing has Excelled escellesselly.