Voliable lensts /+() pt Andron of fake valiable lensts arg 1. xargs 7 is used for valiable rensts args det functionings): 2 Tuple is created for val length ongs det sm(xangs): Alt (Lip (anss)) # closs tuple pt(9x93) C8 i pf (i) end = " ") fun(s), Its EN(2/10) #21 10 Fron (5, 10/15) # 5/10/15 fon (5, 125, "hello", 15)

det son (xargs): for x in args: for (x) === in() # 10 / 15 An (10,12.5, "10/10") in (u1)1. Plane bositional ands only 3. fin (albixary) det pt (913, 978): # 10,20, (30,) An (10, 20, 30) En (10, 20, 30, 40, 50)

(30, 40, 50)

(10, 20, 30, 40, 50) fun (a2 10/220/30/40/50) an (xans 915) Keyword ars only HT ypenroll only des son (x arss, 9 16). p+ (915, avgs) fm (101 20, 30,40 150) Ny (10,2030,0=4015-50) 40,50, (10/20130)

Fun (* b) 7 un palking list clements

def fun (*angl) (1 = [10,20,30]

L1 = [10,20,30]

L1 = [10,20,30]

(10,20,30]

(10,20,30)

(10,20,30)

(10,20,30)

Valiable lensty positions x ments 1. * avgs is used for valicho in the 1. Xangs is used for veieble lenth and l 2. Tople is (rested for many) 3. con(a15,7=18) 4. Kn (x=ND, a1b) 7 Keywond (a, b) S-fm(xLI)) un p-uning actual arranments Valiable length ansuments > keyword ** Kwarss is used for volicible knoth keyward

At Kwarss is used for volicible knoth keyward det fin (** Kmansi). 3. Dittoray is created to kwarvest Volichle lens the arms > Keyword def Sin (** Kwarss): 5 'a': 57 5 'b': 15/ be (kmay 87) be (full (kman8)) < Jid> fin (a=5, b=10, (=15)

For item Consciss)

A 10 det in margin (m(a=5, b=10, c=15) 7 Arsiments arss possed exter 7 Keyword arm C. Am (* * Kwarss, 915) det fin (** Kwarss, 91 b): d. sun (a1b1 ** re | keyword ans Rin (a = 5, b = 10, c = 15) fet (n (915, xxx Kmans) An (925162) II. (In(a=513=10) 53 An (925,5=10,1-1) # 1,2,5 ½ 1:33

An (925,5=3) # 1,2,5 ½ 1:33

An (1,2,c=3) # pasit

An (1,2,c=3) Feyward / pasit

Works both A Peyward

e. for (4 and) will be first Always "xangs" will be first Stall 3) Volinsk f. pn(**avb, a,b, ** kwarry) arb > Key word
positional. gun (*angs) (188) Pt (ark works) pt (arss) En (1,2/3,41 x=5,720) Fin (112, a=31 b=4 (x=5, y=10);

Pt (a1), Kmars) > 3,4, 5x':5, y=10}

Pt (a1), Kmars) > 3,4, 5x':5, y=10} XX KWars: - Used the Volidok lensts Key word fun (ab) ** Key word key word . pn (xangs, xxkubns) anss shulf be lott

fun (xanss, 916 xxxxxxs) b shulf keywar

fun (xanss, 916 xxxxxxxs) b shulf conly.

def sun(a15,c): Mag = a 2 px c seturn som (prod (fon (5,10,15) # (301750) ft-tople resolt (MI, m 2, m3): Dro3 2 Do-L if god = 1 post setvin totaland, grade (30,00,00)) (1 pasi) H (180,60.0,1 pasi) Pt (Result (50,60,70))

John Many Unique numbers unique (* args)'s num = set (args) rum = set (args) extran list (num) num=influt (" ") nums=[Cinech] Ase in in num.sp(tc)] unique = unique-hol xnum bers) Strong x Password deckon is-Strong (password). msg = 1/2ssword must if (len (pessourd) 28: REFORD Falser mag + 18 cm/ 17/2550 hos-upper- any (c. isupper 1) At hes-lower any (Cissource) Los - disit = ony (c. isdisit () passwirt)

Spec-ch = set (")" hos-spec = ony (cin spec-ch for cin password)

if not has upper: msg t! Re Flynns9 +

if not had disit: letin Felse, msg + leton pre, mog t seturn True, "password is strong") passud = input (

Not in message = is strong (password)

Not in message = is strong (password) pt (Messale)