## Let's solve it



int x; sirestind) /(sneatine); Stand XYZ a;

g

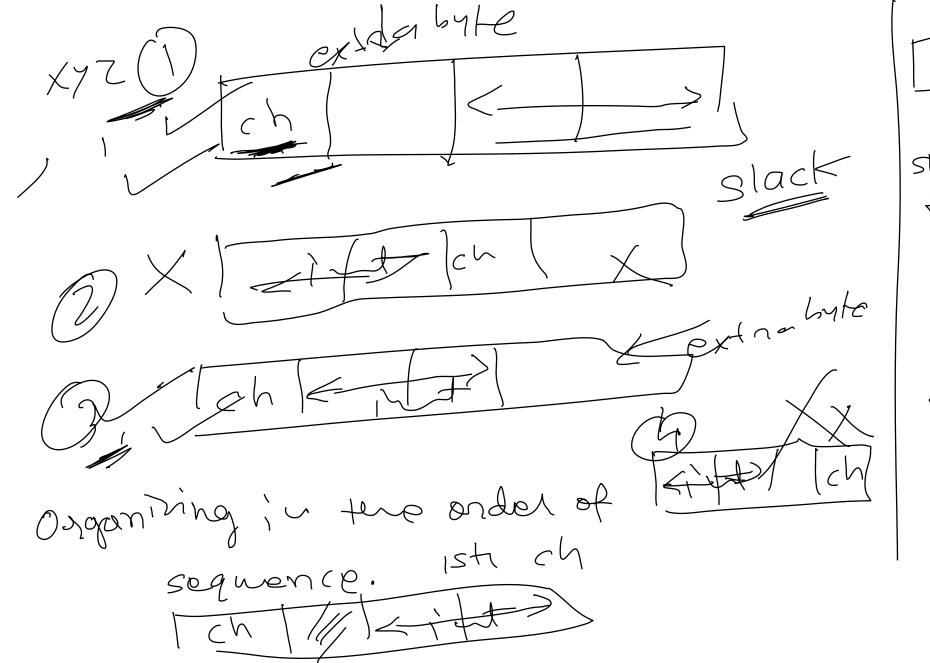
Sireof (a) ?

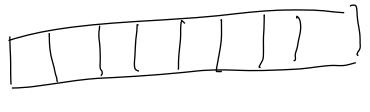
The stand 2 bytes

The stand 2 bytes Struct XYZ char ch; sonoof (street xyz) WORDaire (computer would) - sol of bytes. C 32/8
Le byte (66/8) -i.e 32 bit computer tenen "nord" 64 bit computer than "WORD"

what is tere purpose of "WORD" ere? - a standend - When you define any Structure, compiler will allocate momory bytes as now as possible to 9 multiple of word sole i.e. Stact xy7 of 3 bytos actually. 22 bil => Le bytes will be altereted.

Amorzon Courier box size small modern large why they may for every dawn wores! It, not foasible. It will not weld in anaroging house into some odnistr





St- PQR

Show cht37;

int i [2];

3

3 hyhar + 4 hyhar

3 hyhar + 4 hyhar

3 hyhor) + 4 bytes 3 x l 2 x 2 3 + h => 7 bytes word sine

will be angan i situationed to garbage because they are unificialized.

ST=(S2) memory stack bytes will be angan 15 Supported  $sl = \{ a', 20 \}$ Stact SZ = & (a), 20}; Comparison equality  $SL \sim ch$ 1 al supronto d.

tell me si and sz are some on not? for (iII) j=0; (ompare growber by monder)

2 i++ i)+1) if ((s1. id == <2. id) 23 (stromp (q.name) SZ.name) = = 0 &g (SI, marks == SZ, marks)) Else Privatell' Bote are same"), Save")/ Part (1) Both are not

Drion - enables you to capate wor topled totaly pe - Differs to structures! w.r. to momory allocation. union PQR will allorate

E chan chills memory

intilligation st ~~ (+ x > 2 E charch; in reservot f(, ) withequired by any individual mouses J x j  $siveof(x) \Rightarrow i = i$ 

unbu. domo 2 bytes E chan chi can J store Chanchz; cht as well chz? I stone! d. chi = 'al; 1 d. ch2= 16; d. it = 19;

if (store = -0)

print('y.c'!-(h1); mounty.

else if (store = -1)

print (''y.c'', ch2/); else (", d", (", 1"))

Hoterogoneous Annay

Shad & union