



of size 4 Ix: hash table for strings __ = ±(x) 32 bits > Hex(Ju) Juan -Har (Jo) John h(Ju): Jan Hex (Pa) <-· Paul n(Jo): Joha Hex (Ce) Cesa Dex (Fd) 4(R): Rul = Pabl Edwi Hex (An) Dnor Hex (Pa) · Pabl

XI # XZ 'ST. F(XI) = F(KZ) We have collision

Hash map dictionary Jul Juan', Jo: Joha, 'DI': 'Alex', { key: value provided by the developes Rython H(key).

Hash set sets Z=L'J', A', L, J') print (Z) [[L,J,A,E] (c M=]'J', A', Z', J' print (M) 2) \'J', 'A', 'L' \ unique: array = set. value provides by the lueloper By thou H(val)