Functions

define invoke return values (o valeus = None ions =

i values = Tupies

Tuple assignment

a, b = e

Functions are Values What can we do with values? - Store values in variables - Supply values as arguments to functions. - Return values (5+3) from functions.

Values Not-a-value 1,2 5+3 7. 3.14 " 1-fe110" [1,2,3][0] [1,2,3] mix of operations end functions. Operations = functions

Expressions

terable list tuples map str

(ist (seg) -> list that has same elements

Herable as seg in the same order.

for x in "ab(d": "a" "b" "c" "d"

Frint(x)

For x,y in [(1,2),(3,4)];

Print(x+y) i-levable? Yes x,y=-7(1,2)(3,4)

$$(x,y)=(1,2)$$
 $X=1$
 $Y=2$
 $Print(x+y) \rightarrow 3$
 $X_{y}=(3,4)$
 $X=3$
 $Y=4$
 $Print(x+y) \rightarrow 7$

enumerate map list toplestr

("abi") Seq [0] = "a" Yes seq [1] = "b" seq [2) = "c"] Seg/[0] = (0, "a") Seq [1] = ((,"6")