'k' in S= ret Bool, is key in set S

S.add(k)=add new element to S S.discard(k) = del k; if not found do nothing.

S.remove(k)=del k, if not found KeyError. S.update(seg/S2)= Update as union with seg/S2

S.issubset(seq/S2)=is S found in set seq/S2

S.issuperset(S2)=is S2 part of S

 $S.union(b) = S \mid b = or$

%s=string %l=line %.2f=float %03d=int

""" (or "") = string over various lines

b а

---[:3]-

[-6][-5][-4][-3][-2][-1]

Cd

Negative indices = slice relative to the end

Negative step = reverse direction of moving

[0] [1] [2] [3] [4] [5] [6]

← [2:5] →

> | ≪ [3:]-

N[-1]=last element

S.intersection(b) = **S & b**=and

S.difference(b) = S - b =

S.symmetric difference(b)= S ^ b=nor

except: (sudo) pip install package (sudo) pip list conda install package conda list sudo pip install -U virtualenv virtualenv dir name source dir_name /bin/activate.....deactivate pip install name(s) → goes in dir_name dir_name/bin/jupyter notebook pandas jupyter keras tensorflow matplotlib seaborn sklearn

except ErrorName: (IOError, ValueError...)

try: