## tuple

A tuple is a collection which is ordered and unchangeable
tuple = ("apple", "banana", "cherry", "orange", "kiwi", "melon", "mango")
print (thistuple)
print(thistuple[1]) =>"banana" print(thistuple[-1]) =>"mango" print(thistuple[2:5]) =>"cherry ... kiwi"
print(thistuple[-4:-1]) =>('orange', 'kiwi', 'melon')
--------------- -- - - convert-
$\qquad$
x = ("apple", "banana", "che-
rry")
$\mathrm{y}=$ list $(\mathrm{x})$
$\mathrm{y}[1]=$ "kiwi"
$x=$ tuple $(y)$

thistuple = ("apple", "banana",
"cherry")
for $x$ in thistuple:
print(x)
$\qquad$
$\qquad$
thistuple = ("apple", "banana",
"cherry")
if "apple" in thistuple:
print("Yes, 'apple' is in the
fruits tuple")

thistuple = ("apple", "banana",
"cherry")
print(len(thistuple))
$\qquad$
thistuple = ("apple", "banana",
"cherry")
del thistuple
jointupl-
es-------- - - -

```
tuple (cont)
tuple1 = ("a", "b" , "c")
tuple2 = (1, 2, 3)
tuple3 = tuple1 + tuple2
-------------------------------
thistuple = (1, 3, 7, 8, 7, 5,
4, 6, 8, 5)
x = thistuple.count(5) =>nb of
repetiton of 5
x = thistuple.index(8)=>3 is the
first location of 8
```


## sets

A set is a collection which is unordered and unindexed thisset $=$ \{"apple", "banana", "cherry" \}
print(thisset)
$\qquad$

-     -         -             -                 -                     - .- - .-. .
for x in thisset:
print (x)

print("banana" in thisset)=>true
or false
-- -- -- -- -- -- - - - - - add- - -
thisset.add("orange")
thisset.update(["orange", "man-
go", "grapes"])=>add more than
one

print(len(thisset))
----------- - - remove--- -- - .
---.--.-. - . -
thisset.remove("banana")
or
thisset.discard("banana")



## By hiall

cheatography.com/hiall/

## Not published yet.

Last updated 15th April, 2020.
Page 1 of 1 .

Sponsored by CrosswordCheats.com
Learn to solve cryptic crosswords!
http://crosswordcheats.com

