# note the double round - brackets.
ex: tuple 1 = tuple (("apple", "banana", "cherry")  Print (tuple 1)
4) tuple items - Data Types:-
data type with strings, integers and boolean values:  [ex:- tuple 1 = ("abc", 34, True, 40, "male")]
5) type (1) - 2000 - 310 turning 500 3000
the data type (tuple):
ex: mytuple = ("apple", "banana" "cherry")  print (type (mytuple))
6) Create Tuple with one item.  To create tuple with one item  you have to add a comma after item.
oc, motuple = [ apple " ]
( ( ( msraple))
by referring to the index number inside square brackets.
ex:- thistuple = ("capple", "banana")  point (thistuple [1])

8) Negative indexing - Negative indexing means
Start from the end . -1 refers to last item ex: - tuple 2 = ("apple", "banana", "cherry")
print (tuple 2 [-1]) Specify a range of indexes by specifying where to start & where to end the range. 9) Range of indexes ex: - this tuple = ("apple", "banana", "cherry",

"Kiwi", "mango")

Point (this tuple [2:4]) 10) Add items Since tuples are immutable they do not have a build-in appendes method you way to add items to a tuple is:

convert it into list, add your item

and convert it back to tuple. ex: -" thistuple = ("apple", "banana", "chesoy") y=1ist (thistuple) y append ("orange")

-th?stuple = tuple (y) thistuple = ("apple", "banana", "cherry")

y = ("orange", )

thistuple + = y point (this tuple

11) delete the tuple completely. thistuple = ("apple", "Kino?", der thistuple

print (thistuple) FRT Styntaid 1-70 Jacob a stantage AD" " ENDOWN " " stopped

## sets

- sets are used to stord multiple items in a single variable.
- unchangeable, and unindexed.
- + Fach element in the set must be unique immutable
- collection of unique Values.
- + set has no duplicate elements
- The major advantage of using a set, as opposed to list, is that it has a highly optimized method for checking whether a specific element is contained in the set
- 7. Sets are unordered, we cannot access items using indexes like we do in lists