ال tuple هى نوع بيانات زى ال list بتشبهها فى حاجات كتير اوى وليها بعض ال methods
اللى هنتعرف عليها زى ال list.

ال tuple بتتحط فى () parentheses مش [] square-brackets.

ينفع اعملها من غير اقواس خالص.

ليها نفس نظام ال indexing بتاع ال list.

على عكس ال list ف ال tuple مينفعش اعمل assign لعنصر جواها من برا ال tuple.

نفس موضوع ال datatype جوا ال list ف ال tuple بتقبل اى نوع بيانات جواها.

```python
# ----------------------------
# -- Tuple --
# ----------
# [1] Tuple Items Are Enclosed in Parentheses
# [2] You Can Remove The Parentheses If You Want
# [3] Tuple Are Ordered, To Use Index To Access Item
# [4] Tuple Are Immutable => You Cant Add or Delete
# [5] Tuple Items Is Not Unique
# [6] Tuple Can Have Different Data Types
# [7] Operators Used in Strings and Lists Available In Tuples
# ----------------------------

# Tuple Syntax & Type Test

myAwesomeTupleOne = ("Muhammad", "Ahmed")
myAwesomeTupleTwo = "Muhammad", "Ahmed"

print(myAwesomeTupleOne)
print(myAwesomeTupleTwo)

print(type(myAwesomeTupleOne))
print(type(myAwesomeTupleTwo))

# Tuple Indexing

myAwesomeTupleThree = (1, 2, 3, 4, 5)
print(myAwesomeTupleThree[0])
print(myAwesomeTupleThree[-1])
print(myAwesomeTupleThree[-3])

# Tuple Assign Values

myAwesomeTupleFour = (1, 2, 3, 4, 5)
# myAwesomeTupleFour[2] = "Three"
# print(myAwesomeTupleFour)  # 'tuple' object does not support item assignment
```

```
# Tuple Data

myAwesomeTupleFive = ("Muhammad", "Muhammad", 1, 2, 3, 100.5, True)
print(myAwesomeTupleFive[1])
print(myAwesomeTupleFive[-1])
```

CODE

```
exe "c:/Users/Muhammad/Documents/Python Course/first.py"
('Muhammad', 'Ahmed')
('Muhammad', 'Ahmed')
<class 'tuple'>
<class 'tuple'>
1
5
3
Muhammad
True
```

OUTPUT