**44643 Mobile Computing-iOS**

**01Tuples**

Write the output of the below code

1. var httpError = (errorCode : 404 , errorMessage : "Page Not Found")

print(httpError)

print(httpError.errorCode , terminator : ": ")

print(httpError.errorMessage )

output : (errorCode: 404, errorMessage: "Page Not Found")

404: Page Not Found

1. var name = ("John","Smith")

var fName = name.0

var lName = name.1

print(fName , terminator : ",")

print(lName)

output : John,Smith

1. var origin = (x : 0 , y : 0)

var point = origin

print(point)

output : (x: 0, y: 0)

1. let city = (name : "Maryville" , population : 11,000)

let ( cityName ,cityPopulation ) = (city.0 , city.1)

print(cityName)

print(cityPopulation)

output : Maryville

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1. let groceries = ("bread","onions")

print(groceries.0)

print(groceries.1)

print(type(of: groceries))

output : bread

onions

(String, String)

1. var fname = "Joe"

var lname = "Root"

(fname , lname) = (lname , fname)

print("First Name is \(fname) and Last Name is \(lname)")

output : First Name is Root and Last Name is Joe

1. var cricketKit = ("handGloves" ,"helmet",("bat","ball"))

print(cricketKit.0)

print(cricketKit.1)

print(cricketKit.2.0)

print(cricketKit.2.1)

output : handGloves

helmet

bat

ball