**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 )

**(errorCode: 404, errorMessage: "PageNotFound")**

**404: PageNotFound**

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

var fName = name.0

var lName = name.1

print(fName , terminator : ",")

print(lName)

**John,Smith**

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

var point = origin

print(point)

**(x: 0, y: 0)**

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

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

print(cityName)

print(cityPopulation)

**Maryville**

**11**

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

print(groceries.0)

print(groceries.1)

print(type(of: groceries))

**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)")

**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)

**handGloves**

**helmet**

**bat**

**ball**