Class Activity 1:

Difference Between DICTIONARY AND TUPLES.

A.Dictionary:

1.It does not return multiple values.

2.It is used there where you have to specify only one single key for multiple values.

3. Dictionary contains multiple values of same type

4.They Need Key pair for values.

B. Tuples:

1.It returns multiple values.

2.Unlike Dictionary tuples can contain more than one key for multiple values.

3. It usually do the grouping of values.

4. They don’t contain any value pair.

Class Activity 2: Create Person Dictionary.

// Class Activity.

// Create Address Dictionary.

var address = [String: AnyObject]()

address["Street"] = "GormanPark" as AnyObject

address["Area"] = "NorthYork" as AnyObject

address["PostalCode"] = "12378M" as AnyObject

// Create Dictionary for person.

var personDictionary:Dictionary<String, AnyObject> = ["FirstName":"Guneet Singh" as AnyObject,"LastName":"Lamba" as AnyObject,"AGE": Int(23) as AnyObject, "Address": address as AnyObject , "TotalAmount": Int(2000) as AnyObject]

print(personDictionary)

Class Activity 3: Find Factorial of number using functions.

// class Activity Find factorial of number using factorial.

func factorial(a:Int)-> Int {

var fact = 1

var n = a

for i in 1...n {

fact = fact \* i

}

return fact

}

var result = factorial(a: 5)

print("Factoiral of number is \(result)")