**Day 4 Notes**

this.variablename =refer to current context

class variable using object - object.variablename

Employee ID, Name, Gender, YoJ-

DepartmentSales Marketing Production inherit Employee

Accomodation Food - Interface

Silver, Gold Platinum

Framework Classes - Namespace - Folder/ Package/Collection

System - Namespace

Collections & Generic - associate a collection datatype

Similar to Array

Array - 5 - populate 5 elements

Resize? No - drop

5 subjects -

Data of any datatype

Size restriction

Size - populate the data - size

Handling of data of different type?

C#? Type safety?

CLR - object

ArrayList

HashTable - Key Value

List of Values - repetitive - sort

Hash Table - key once used can not be reused - uniqueness - NOkia 1100

Queue -

Collections and Generics

List<String>

List<int>

List<Employee>

IO

FileStream

                File Path, FileMode, FileAccess

BinaryWriter Write();

Flush(); Close(); FS.Close();

BinaryReader ReadString();

Serialization

Deserialization