**Day 6:**

**Collection Framework (Data structure):**

Collection framework provided set of collection of classes and interfaces which help to store collection of data or item or object of any types. Which provided of pre defined methods which help to add, retrieve, update, sort, search very easily.

Primitive data tyeps

int a;

a=10

a=20;

**array :** it is use to store more than one value of same types.

int num[]={10,20,30,40,50};

structure

class : class is type of structure.

class Employee {

int id;

String name;

float salary;

}

**Employee emp = new Employee();**

emp.id=100;

emp.name=”Ravi”;

emp.salary=12000;

array object

syntax

int **num[]=**new int[100];

**Employees employees[]=**new Employees**[size];**

Employee employees[]=new Employee[100];

Zero object of type employee. It created one object of type array.

**employees[0]=new Employee();**

**employees[99]=new Employee();**

**array of product**

**Service layer :** this class contains pure business method.

Service layer is not responsible to interact with input device.