**Day 2:**

Other language like C or C++ or Java. Array help to store more than one value of same data types.

**Structure** concept : structure also another type of data types or reference data types which help to store more than one value of same or different types.

In C or C++

struct Emp {

int id;

char names[10];

float salary;

}e1;

Structure allow to store only property or variable of different types. But class allow to store more than one variable of same or different types. As well as functions / methods.

C++ or Java or JS or Python

class Employee {

variable declaration

function or method declaration

}

Object types: OOPs

Object :any real world entity.

Person, Bank, Customer, Employee, Account

Property-🡪 have -🡪 name, age, weight, height etc

Person

Behaviour -🡪 do/does -🡪 teaching(), typing(), walking(), talking() etc

Object is a concept.

Class : class is known as blue print of object or template of object or collection of object which have same property and behaviour.

With help of class we can implements object concept practically.

Old Version JS ie ES5 version

In JS to implements object concept we can do using 3 ways.

1. Using literal style 🡪ES5 style
2. Using function style 🡪 ES5 style
3. Using class style 🡪ES6 style

Literal style object creation

Function style object creation

Class style object creation

Constructor : it is a type of special function which we can write inside a class which help to create the memory.

1. If we want to write a constructor you need to write a function with name as constructor in lower case.
2. Constructor no need to call it will call automatically whenever we create the object.
3. Constructor is use to do initialization while creating the memory.