Agenda

Class

Ops

Objects

Aceer modifiers

This - Keyword

Memory

Constructors

What not to discuss

Static

Ops

Aceer modifiers

Divate

Uprotected

Dato types

long

Long

Long

Stoing

Long

Seq. of character

double

char

Single character

boolean

true/fabre

Store data of an entity ->

Car

Light color -> String Light attendance -> int

Light pear -> int

Light gender -> String

Light price -> int

Light pear -> int

Light phone no. -> long

Light psp -> double

what is class ?

Bueprint of a real world entity

Student SI;

Li Name

Li DOB

Class

Charter defined

Class

Charter defined

Charter def

Syntox -

static class name-of-class &

// 1. data member // 2. member function // 3. constructor

Z

Static class Person & Storng name; Heap HK 2 Person p1 = new Person (); P1 = 4K Person p2 = new Person (); p2=7K 7K

```
bluepoint
 class Home &
                           Home A = new Home ();
  String address;
                            A. address = "xyz";
    int soona count;
                            A. roomcout = 4;
    boolean furnished;
                            A. fevruished = tour;
    boolean parking;
                            A. parking = true;
     int balcony count;
                            A. balcony count = 2;
                             Home B= new Home ();
                               B: addres = "abc";
                               Be roomcount = 3;
                               B. furnished = folse;
                                B. parking = true;
                               B. balcony Count = 1;
```

```
class Home &
 String address;
   int soons court;
                                                                 2%
   boolean furnished;
                                                              addres = par
   boolean parking;
int balcony count;
                                                              mon Count = 6
                                                              furnished = touc
                                                               parking = take
                                                               balconyout =
   main () §
                                                 h1 = 2K
                                                               addrey
      Home h1= new Home ();
                                                               200W
         hl. address = "pgm";
        h1. feverished = true;
         hi soomcount - 6;
         hi parking = tome;
         h. balcony count - 3;
```

Home hd = h1;
hd. parking = false;

not the correct way to copy

Home 63 = new Home (); 63 = 61;

not the correct way

2

What is contructor?
A feuction without a setuentype
A feuction without a return type The name of this function is same as class.
static dans - Employee &
S) WIC CLOSS 20192019EE 7
Stoine name!
Stoing noune; int age;
(I) Employee (String x, int y) &
<u>\$</u>
\sim
zero aggument = Employee ()? Constructor age = 0
2 2 2

-

Employee e1 = new Employee ();

e1. name = 'Kapili' e1. name = null
e1. age = 25;

Employee e1 = new Employee ("Kapil", 25);

The default constructor will be called when you do not have constructors in class.

bluepoint of a real life entity las → Data members member function constructors you can create multiple instances of a class - objects default construtor Car c1 = new (arc); class Car f stoing colon; int year; Car c2 = new Car(); This -> self reference c1. color = "white"; c1. year = 2021; booken is Valid (int curr) of
if (year + 15 > curr) of
return frue; 15 year return false;

System.out. printlu (c1);

So.P. (c1. is Valid (2023)); addrew of instance/object

type of constructore

Default constructor >

If you do not write constructor you get to use default constructor.

Note

Je you have written constructor in clars
then default constructor does not
exist.

constructor - having no arguments Zero argument Parametoired constructor > Jass Cour f having some arguments; String color; Can cr = new Car (), temphen Can () } Car (String colon) ? Con (String colon, intyear) ?

