Ezum 3 9h	of from of Enumeration
•	Value Whith can the fore Values
ic. Constal	s like Week & MON, TUE, WED, Thrush,
FRJ, SAT, SI	Iny It is a special the of the
	enum Level & HIGH, John To Refor MEDIUM, Low Level & Level & MIGH's

Declaration of => Enum declaration a class	enum in Java: aration can be done but not inside a	Outside a class method.	Erun is (0x) Inside	Stored ?	side a reho
Every enum?	class Level 2 Public Static Public Static Public Static Public Static	A class final Level	من کساط	Level(); a	eun due is Object of that Clers

Declaring Constructors, Methods and Variables in an enum:

- => enum really is a special kind of class, can do more than just enumerated constant values.
- > We can add constructors, instance variables and methods.

java lang Enum

So Erun Cen hold Construction, nethold & so an

enum Coffesize {
BIG,
HUGE,
OVERWHELMING
};

Atendy 3 objed is created IIG, hu GE & OUER WHELMZNG act es Inferma do once object 1

Allo MULIE Value is 16 enum Coffee Size { BIG(8) HUGE(10) OVERWHELMING(16); ~ Coffeesize (intounces) { Eren Constructor is Sainte anyther this ounces = ounces; ti lles tres vog & Name see for Ed IIG, Private int ounces; //instance variable NUGE & OVERWHELM ING, Public int get Ounces () } Constructs in alled & DIG return ounces; Value is fot isto ources & him 17 Th Refus So 8 MULTE So 10 & OUERWELMENG LO 16

-> Points to Temember: We can never invoke an enum constructor directly. The enum constructor is invoked automatically with the arguments, you define after the constant value. Ex: BIG(8) invokes the Coffesize constructor that takes int. We can define more than one argument to the constructor, and you can overload enum constructors.

Nav dire July de Aut

Class Coffee &

Offee Size size;

Public Static void main (String[] args) &

Public Static void main (String[] args) &

Coffee drink1 = new coffee();

drink1 size = coffesize BIG);

Coffee drink2 = new coffee();

drink2 size = coffesize HUGE;

values (), ordinal() and value of () methods:

- -> These methods are present inside java. lang. Enum class.
- -> Valuesc): can be used to return all the values present inside enum.
- -> By using Ordinal () method, each enum constant index can be found, just like an assay index.
 - > value of () method returns constant of the specified string value, if exists. | public class Test ?

```
enum color &

RED,

GREEN,

BLUE;

3
```

```
cobr arres = (olor. values();
```

hets der en Example

```
Public enum UserStatus &

PENDING,

ACTIVE,

INACTIVE,

DE LETED;
```

```
Public class Test {

Public static void main (String[] aggs) {

System.out.println (UserStatus.AcTIVE); //ACTIVE

for (UserStatus Status: UserStatus.valuesC)) {

System.out.println (Status);

}

UserStatus Status = UserStatus.PENIDING;

if (Status != UserStatus.ACTIVE) {

System.out.println ("Not an active User");

}
```