**Basics:**

class Classname

{

Variables

Methods

Constructors

Instant Blocks

Static Blocks

}

**DataTypes: 8**

1. Byte
2. Int
3. Char
4. String
5. Float
6. Double
7. Boolean
8. Long
9. **Class : First Letter Capital**

Syntax:

class Classname

{

//class body

}

1. **Variable :** datatype variable\_Name;

Syntax:

int weight;

char sex;

String name;

float height;

double salary;

boolean 🡪true /false

* Instant Variables 🡪 inside Class
* Static Variables 🡪 Static keyword , Inside StaticBlock
* Local Variables 🡪 Inside Class / Inside Method

1. **Methods:**  void method\_Name()

{

//method body

}

1. **Constructors:** Other type of ClassName 🡪 Same as ClassName.

ClassName()

{

// Constructor Body

}

1. **Instance Block :** Inside The Class
2. **Static Block:** Inside the Static Block

Eg:

Main Import:

class Classname

{

// Class body

1.Variables

2.Methods

3.Constructors

4.Instant Blocks

5.Static Blocks

}

class Classname

{

//class body

}

Eg:

class Car // first leter capital

{

//class body

}

1. Variables:

class Car

{

//Instance Variable -> varibles inside the class

String model="Honda Accord";

String color="Black";

int year=2007;

//Local Variables -> Inside the Class & Inside the method

//Static Variables -> Inside the Static Block

}

2. Methods:

void details() // void details ( parameters)

{

int door; // Local Variable

System.out.println("Car Model =" +model);

//Method body

}

EG:

class Car

{

String model="Honda Accord";

String color="Black";

int year=2007;

String name;

void details()

{

int door;

System.out.println("Car Model =" +model);

}

String fit(String fname)

{

this.name=fname;

//String name="Honda Fit";

System.out.pritnln("Car Name ="+fname);

return fname;

}

}

3.Constructor : Same as ClassName

Car()

{

//constructor block

}

Eg:

class Car

{

String model="Honda Accord";

String color="Black";

int year=2007;

String name;

Car()

{

System.out.println("My Car");

}

void details()

{

int door;

System.out.println("Car Model =" +model);

}

String fit(String fname)

{

this.name=fname;

//String name="Honda Fit";

System.out.pritnln("Car Name ="+fname);

return fname;

}

}

class CarExample

{

public static void main(String []args)

{

Cars c=new Cars();

c.details();

System.out.println("Name="+c.fit("Honda Fit"));

}

}