Methods

all multiple time when needed instead of which is use to when needed instead of whing the whole code everytime.

Syntax-

Lacresspecifiers (modifiers (claratype) methodName (

2 // body

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· modifier-It defines the access type of the

· data type - method may return a value

method Name - It is name of method. The method signature consist of method hame

method body - body defines what the

Method Overloading - When a class has hoo or in more methods by the same name but different as method max(int a, int b) max (float a, float b) max (String a, String b) Pass by Value- The method parameter values are copied to another variable & then the opied etch a passed to the method 17

Constructors

· Similar to Method · No return type Obje Method name same as class name.
Sunday constructor invoked during object call. Exampleclass Prac & 11 body Default Constructor - In this the default volle of the used data type assigned to be the variable. The Parameterized Constructor - When value is assigned in constructor during function shing vehicle

v=vehide; // this vehide

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Default cons. an nor be called if parameteris.

Static Keyword -

The Reyword Static indicates that the particular member belongs to a type itself, rather than member beauty of that type itself, rather that to an instance of that type. It is mainly used to help memory management. It would be applied to variables methods, blocks and nested class.

Static classwe can not declare a hop-level dass with static modifier, but we can declare a method rested In Java, class can be define within a dass, known as nested class, we of two types-

class (Outer Class) & Stutic class (Static Nested Class)

class Inner dassif

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```
Object vreation of non-static inner class-
          objB= new A();
objB= objAnew B();
  object of outer class is necessary for accessing
* Object creation of static inner class-
          6 obj6 = new A.(();
 Stutic Block-
         are the piece/block of code in a which executes before the
           functions starts execution
   stutic
These are written outside the main ().
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