Constructors

Subject:
-> used to initialize the object & is invoked at the
time of object caration
> if no constructor is present, then compiler
automatically creates a default constructor.
→ two basic rules:
* constructor name must be same as class name.
* must have no explicit return type
-> two types of constructors: -> two types of constructors:
constructor using superior call
THYMDERE WAY CONSTRUCT
* Constructor Overloading
that differ in the number of parameters in the
10 h July has Consument liet?
lest and thoir type [argument list]
To be A be a Town Weth I
Java Constructor Java Method
> qued to initialize the used to expose behavior of
state of an object. an object.
> no must not have return type must have return type.
> Invoked implicitly invoked explicitly.
> compiler provieds des const method is not provided
2018년 1일
il as constructor present by compiler in any case.
if no constructor present by compiler in any case.
if no constructor present by compiler in any case. > constructor present by compiler in any case.

/ _{Subject} : Date
x Constructor Chaning:
-> accus when a class inhesits another class.
> An implied super() is Included in each subclass
constructors which does not contain this () or
explicit super() call as its first statement
> The super() statement mus or this () or explicit
super() gall should be the first dutement on constructors because parent class is initialized before child class. The explicit super allows parameter values to be
passed to the constructor of its superclass.
Subleass (Srio, name, 9d)
thuid = id;
<u></u>
* Local constructor chaning: -> this () constructor is used to implement local
-> this () constitution is used to implement total
chaning of constructors. Seab Class lons tructor (id, name) class Constructor (id Sno)
3 3 { this (10"A");
#####################################
2 this.sno = 300;
same constructor.

x Disadvantage: not good in forms of enoughlation because
TATA CONSULTANCY SERVICES of instance depends upon structuature of
constructor of any change inexperience certainty.
TATA CONSULTANCY SERVICES Constructor of instance depends upon structuature of constructor any change in all places where its object gets weated. TATA Changes in all places where its object gets weated. Standard way is to use factory design pattern. Subject: Date
Subject:
If a class contains only non-deput constructors,
then its subclasses will not include an implicit
super () call and will be flagged as compile-time ourse.
> the subclasses must explicitly call super a with
right arguments to match appropriate constructor of
superclass.
Les to the section constructors?
* what is the or private softwise
> used to restaict the instantiation of a class.
(e) when a class needs to prevent other classes
from overling its objects.
> objects for classes which has only private constructor
can be acated only within its and own classes.
and this occas when the class only contains.
static members.
There and bottom rattern, the ensures only are instance
of a class exist at any point of time.
Mullace
class Myclass Auclass object = nell.
2 private static Hyclass object = nell;
private My Class () & 3
a Nic static Myclass gelaplecta
s if (object == null) object = new Hyclass();
return object;
y
ī