Theon and is Inhoritarie; Subday (child class) is a class which who palso called discined (Extended day Super class / Parent das) a subclars inherit to

La also cabled Bar clars / Paint dew

* Keymand used to Inhout

LIAN L- DOW BIRILLY

POLYMORPHISM

. One thing is muly fund fundipu, way

Direct od overlocationey (compile sine P/ Lany binating) (2) Method ownerialing (questime P/ Lat Lineling)

(2) METHOD overiding:

, pourt dan of child cleins.

· suithool 5 and but diff iniplementation

· Dignodum should be same

egi. deus 1

void MIC) - Bam nethal programmy 1 ret a = 10; fraplundation (Control of Jonatology)

down B without A ...

5 void MIC) - Mushed same / Bignortur inta=20; ? implematation. 5(67 moshs & 1

11 b. MIC) -- 1/20 PSVM & Object create clears

(paevot down with oct chule) cleun overiching

9 test
Public void testo)
2 1 test activity (9) Beform (mossa) pv saprila Lo fast accessing pour Aura is child duy Right dille -> sown -> oversion / mplumet methods ruched S prediction organishing " Super Keyewand 3 Tut Symptom cheek at Execution Line. \$ 180 p. Awternationaly elos if me want to seem pount distails is well : (Anototica). wood of larged working -> me can't change stouchure. Il oblying autivity (. Why Runding (Lot Bineling 9 J. Everyland (Luchary) med Golden 4 - College Broad Tehich claim method Bupur. phoneus; 2 22 de .. public void sutupes. - san

2) withod overloading:

· Simple class writige time Squename restrod create

eg: dans 13

add (Int a) add (Inta, Intb)
add (double a, double b)

Ruly:

1 ould by changing no af argunest poruneter

2) oweld by changing the data type of ariguments

(3) owild by changing the order of Paveametric

Ladd (and a, double b)

Madd (double q, 1 rd b)

Here susped rake is Same But Arguret are getting charged

Compile time Polymanphism:

2 ruherun an object is bound with this functionality est the compile time it is known as lawful time P

DAt compile time Java Know which method to call by trucking the method signatures.

3) Method ourloading Bay's you can have more their one function with same name in one dass having a diff Prototype

Anshood ear be overloading if and only if noted has the barn name but with diff tigneture.

Brigoratum Mean no af arguments. Type of argument of order of anywents public Noid sums

· Thur are 3 may) to owdood mithod; 3,

1) by changing no of august / Paranete

1 by changing the datatypes of augument

3) by changing the oerchis of Parameters,

2 METHOD DUERRIDAUS:

paintends på library (3) Delaving a method io subderns rubich is abready Present in Parent class

@ Duvouiding is done so that a child daw can view it own implementation to a method which is abrecedy Promided by the Povert class.

(3) Meshod Should Share Squi Signatur in Mishod owwiding

Super Keymand : 4 and disposal to

· supres. Regrussed is jans is a Refuse vervable which is used to refus immediate parent clair object

O Supres can be med to super journed at Paint claus instance variable.

@ Super can be used to involve inunediate Parent class method

B) supres can be used to invoke munedial Parent Mus constantions.