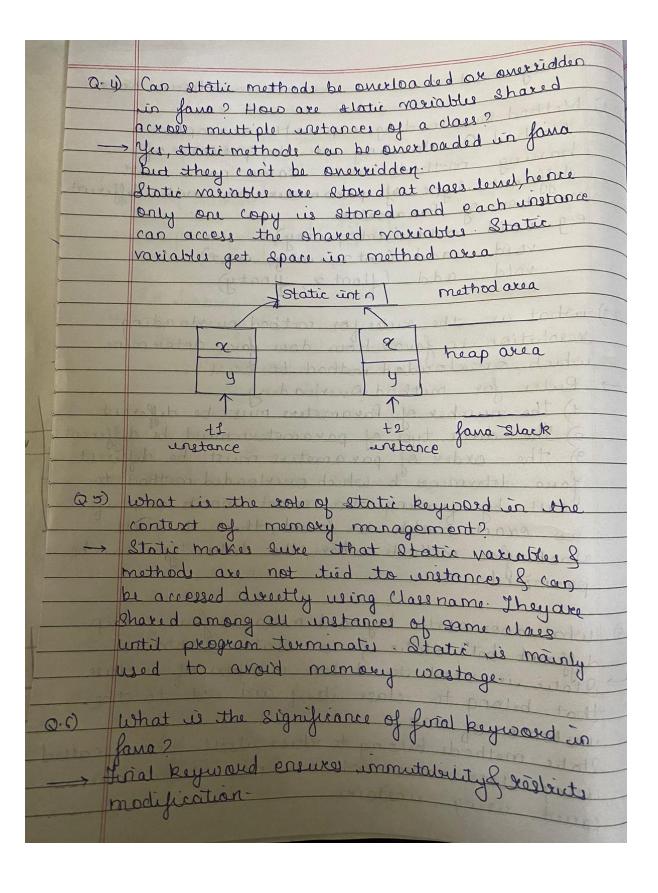
Assignment no 6 Arusa Korse Q.1) Method Overloading, exp with example. Method Onexloading is the process of having methods with same name with deflerent type of parameter are with difficent number of Paxametore

e-g void add (untx, unty)

void add (untx, unty, untx) void add (float x, floaty) Q.2) what are the rules for method onexloading resolution in fava? How does fava determine which overloaded method to call Lel Rules for method Querloading 1) The number of Parameters must be different 2) The data type of parameters must be different 3) The order of parameters must be different fana dotermines & which overloaded method call by finding the exact match of, no exact match is found, then it well look for methods where the data type can be promoted unteres at book tan seo 3) What does static keyword mean in Jana? exp deferent bot static of non static mothads. Static is used to declare members of a class that belong to class itself and not to the unitance of days Static methods belong to class itself hence called using class name whereas non static are Called using unitance.



classmate
Classmate Date Page
1 Variable - Not
Mothods - Provents anguit
Methods - Provents onesseiding Classes - Provents subclasses
The property of the state
(100) Can a final method be pressiden in a subclassor
How does the final keyword affect variables,
methods, classes in fava. No, final method cannot be overxidden in favo Variables: Their values connot be shapped favo
that method cannot
Variables: Their values connot be changed
Method Proceed 4
Methods Provents them from being onexidden Classes: Provents them from being Subclassed Je no other Class can see Subclassed
Je no other class can extend it.
(a) (Still) o .t.
Q.8) What does this keyword supresent in Java? How is this constructor and methods? This refers to the current methods?
How is this construction of the series
This refers to the current unstance of the cla
in which it appears and unstance of the cla
in which it appears so when its basically
Socal variables with same name. In constr
constructor called constructor chaining.
(a) what are marrowing & widering conversion
Didening: Conversion of smaller datatypes to
larger and the antalype to
Driveryon of larger to shalle
amunges which can diad to lossy butteren
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agest without to reconsent warmer time out

	Provide examples of narrousing and Undering convexions bet premetine
0.16	Provide examples of narrouring undering conversions bett premetine
	data type Naxouring 123:456
\rightarrow	Bidening
30.	unt m = to; double d;
	Jong 1 = n
	· · · · · · · · · · · · · · · · · · ·
Q-11)	How does fann handle potential loss of precuion during narrowing conversion?
	precision during narrowing to hits of
717	THE THE TAX TO THE TAX
1 1 1 1	
	e-g double d = 123-456;
	of N = (10t) d
	So in this case .456 gets truncated.
	a hadran has attention and the aust
0.12)	Explain concept of automatic widening
	conversion in fava
-	It refers to the implicit conversion
le untion	of smaller data types to larger ones
	without the lose of data.
	a a Canicautian int to
	e.g Convexting unt to long.
Q-13)	Lighat and the disalination
· (V-13)	what are the implications of navouring
	The residual convertion of the
-	compatibility & data loss.
= 4	May bound man years
111	leading to loss of precision. In widening
A THE	there no data los However
	there no data loss. However they
	laude data to 1000 al
-	the full range precision of smaller type.
-	the full stange prevision of smaller T
	Type: