4. stuffe Nested class. A nested class that does not require an instantated.	8	Lyword can be called with static an instance of the class. on instance of the class. or other static nethods directly because thy do not have access to nethods.	static pembers in java - 1. static variables - these are class level variables these are class all instences of class.	Java? Explain static sayment mean in Java? Explain static and non-static to Indicate that a particular member (cranable pethod, black or nested class).	Assignment 4.
A. a = new A () // calling brained A. a = new A () // calling notified an object an object R	public class Test & roid main Cshing granger	Sysola ("Non-static method"); Sysola (b); Sysola (c); Sysola (c);	Sypota(s); // can not accept non-static sypota(s); // can not accept non-static sypota(s); // can not accept non-static	static vs Non-Stanc eg- class A & lo; // static var static int c = 20; // static var static void nethod() System-println("static nethod"); System-println("static nethod");	Date: / /

Date:	Date: / /
@ what is the role of stelle keyword	as can stuffe methods be overloaded and
ontext of nen	1.60
1. memory allocation in the nethod area-	o real oading stant medicare.
when a class to loaded note	0
(JVM), all static members of the	class.
class are stored to a special gard	SWAP Charles
of memory called the method Area.	racifi can be c
2. Single Copy per class -	Jara Just 1180 Institute of compile.
2	3
class	class As
3. lifequele of static rembezé-	state void display (int num)
Static members exist as long as	011 8
loaded in the Jum.	Sypola ("Static nethod with lits thum)
they are created when the class is	A Long State
5	
.(-)	Static vota display (sming on)
4. Then are concerned when the same	supply " state method with
8	strateg: "+ str);
strutic variables, especially in	11
multiphocaded application.	
new of memory of	Ne
a ecomplish continuent character in morning	MI
management.	ED
the loss was	R

Date: / /	Date: / /
2 overriding state methods-	a.s. significance of this 'final' keyword
The state of the s	In Java. The Goal knoward in Sava is used
overriding - same nethod name with	The final kyword in jova is used to indicate that a variable, method,
some parameter with different	or class can not be modified after it
class.	15 declared.
ex-	10 1 H / 11
class parent & static void show() &	Afinal Variable - Wariable is declared as
aimle (" steeling method to	Goal, its value can not be changed
parent");	final, its value can not be changed once it has been initialized,
- hadher to golden will have treet	The second secon
3	ex- final int MAX-VALUE =100;
and the state of t	Sur and Survey S
class child extends farent {	A method declared as final.
static void show() & sysoln("static method in	con not be overridden by subclasses,
child");	This is useful when you want to prevent
8	a relace of brown changing the
L' & his relies has 3 in others at a long	implementation of a method.
alle duce tests	
public static void main (String orgs (s)	ex-public class A &
5	
papert show ();	a classification in the
child show();	method");
1911/00	3 and the set know the
parent p = new child ();	public class perived class petends A {
p. show ();	public class perivogeiss eases
3	11.10
3.	11 code
	3.
DEDMI NOTE 11 DDM \ 2HALLE	
REDMI NOTE 11 PRO \ BHALU 3 4	

	(4) char to int , long, Floar, nousie.
That the tonors of the ball of the ball	ייין ער יייין אייין
overflow under How issues.	or at to long. Float or double
	@ chart to int, long, flood, double.
	of common widering conversions or double
	data last
	of to safe and there is no nor of
@ long to int, short, byte or char.	219
Cherr	a smaller clase type is converted into
@ float to long, int, short, byte ax	A widening conversion occups when
a double to float, long, int, short,	Only wheel are narrowing and widening
HOLD EXPIRITY CHON	
course data loss so it must be done	
into a smaller data type and can	1 Code
-	public final class A}
-) Narrowing Conversion -	prevent a class from being subclassed
	muen you co
+	A class
0 = 10	office class -
Date: / /	Date:

	Date: / /
	ex. 2 long to short.
Conversions between primitive data types.	short b = (short) a ; // explicit custing
Justdening conversions -	Special (6); Person to Ghost
ex - and to long.	Molp-100000 (no data 1058)
10	Another makes and and one
5 - 101 (9) upons	ex- int on = 130; explicit cost
ex- Clant to double.	17. 17. 10. 10.
10000	(dada lass due to
double b = a; Il flood to double	Over How.
Systolo (b); 1/0/p-50.2	4
	2
ex- char to fat.	ex- long to int
Q = (A);	0 1 = 2147242625 ;
	- 11 (1)
	From long to int.
Convertions	D. C. T. Selle III
	- CONT SYO TEL ONE
ex - clouble to int.	
-	N
int b = (int) a; // double to int lost).	DMI
	RE

int i = 130; hyte b = (byte) i; // off = -126 Overflow:	1 1 1 P	1 6	precision during patential loss of precision during patential loss of precision during patential loss of precision during an explicit cast. This case we occept the risk of precision occupation.	Date:
ex - find ? = 5; dauble d = 405; dauble result = 1 +d; // o 16 automatically widened // o 16 automatically widened	ex- Int i = 1005 Il audomic wideping.	no dorta loss, no dorta loss, widening conversion and hypically from a type with a complex range to a type with a larger name.	1 4 8 6	*