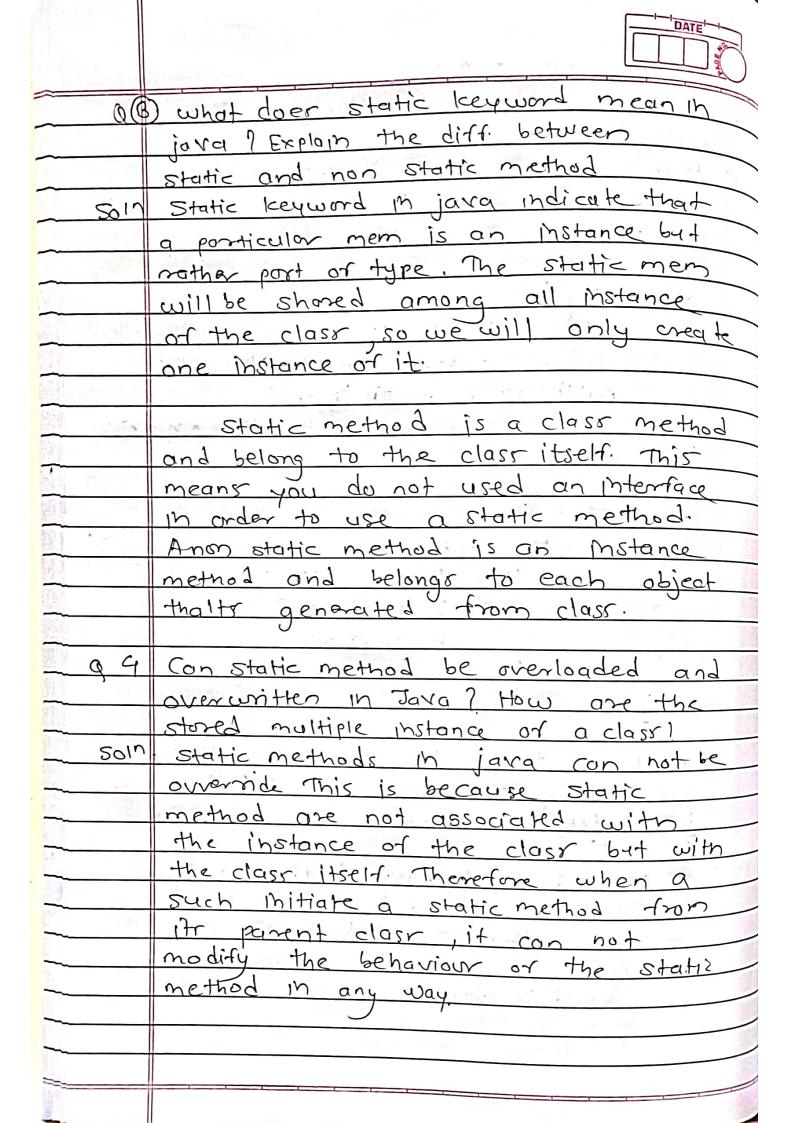
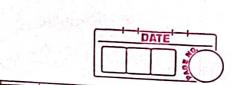
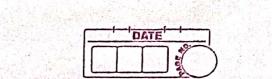
	Assignment No.06
Q 1.	what is method overloading in Java of
	explain with an example
Sol	1. Here we can create multiple method
	of same name in the same class and
	all the method work in diff.
	The production of the state of
	Class Hoy ?
	public void oxeder
	system.out.printly ("orea");
	public void areas lintre
	SystemioutipyIntln ("3.14 * ~ *x);
	The physical state of marchen han
	Distribution acceptable and the first the second
	Class Ja { articles in the same and
	publis static void main (Shing [] angs] [-
	Hoy halnewhlogerian -
	h. ored ();
	h. ore od (y')
	to wind and prosper undersal who the combite to
	The work was all make the second
(0)	tind make another about himself
	What one the ruler for method
	overloading resolution in Java 1 1700 doer
	Jorg determine which over method
2017	to call)
	- method must have diffi parameter -
	The class should be sume
	The method should be some.
	- Parameter type and parameter number -
	Should be different





8	In the same class is loaded in
0 5	in the context of static keyword
som	The static keyword is java is mainly
	used for memory mainly
	keyword in java used to share the
	some voniable or method or a given
	class. The user con
	in variable method 11. Static keyword
	in variable method blocks and in nested classer The Static Iceyword belongs
	to the class than the instance of the
	class.
	I the same of the
Q 6	What is the significance of a
	in Jara?
Som	
	(1) Final variable:
3	Ofmal variable:
	final our somable any vonable as
	final we cannot change the value
	Of fixed mat 1 ac
	Ofinal method: If we make method
	as final que can not overnide it
	3 (2)
	3 final Class: If we make any
	class final we can not the it
	extend
	The second secon

	DATE DATE
Q 7.	Can a final method be overnidden
	ma subclass I How doer the final
	keyward offect vonable nethodra
	class in Jarq.
5017	No, methods that one declare ar
	Monal can not be overridden on
	hidden.
	It romable made Ahal then we
	can not change its values. It method
	made final then we can not owneride
	it class, final con not be extendit
80	what doer this keyword represent in Javas
Som	this = Instance or a class
	- used to access or modify field
	or current object when rield
	nome = local vomable name.
i i	The second of th
	this keyword refers the current
The second	Toolee In a method as a country
	The most common use it to eliminate condition between class
	ottribute and parameter with the
0.4	
Q 9.	Toolar Ore home
Sov	conversion in Java
	type into longer doises
	Jara typu
	eg byte -> short -> class -> int
	$\rightarrow long$



	Narrowing Converting a large destatype
	To a smaller datation
	Troop -> long -> lbt -> chor -> short
	by te
er y	the state of the s
910.	provide example or narrowing &
	convorsion serween primitive data tupe)
5017	Company of the second of the s
	public class Hoy?
	psvm()
-	Mt-a = 5;
	float b = 3.5f;
	float sum = a+b;
	Sop ("Valye": "+a);
	Soplic" Volux : "+ b):
n n	Sop (c'i Volue: " som);
\$	
	Norrowing:
	public class 13 }
	psvm() (
	float a = 5.71;
	int b = (mt) a;
	50p ("value: " +b);
	7
\uparrow	the second to the second of th
1	

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112	How does Java handle potential
	lose of precision during nomowing condition
Som	to the case of above to troop vou
	and have a court aculus which it
Mariang ter	the right ronge, but still lose precision
	the right ronge, but still lose precision In your specific case of 10.0. The
	value can be represented exactly o
1	both float and double
	float b = (float) 10.1)
	double d=10.1;
	50p (-f=d);
(212)	Explain the concert of automatic
	widening conversion in Java.
5017	- widening conversion take place when
1 210 2 2 3 2	two data typer one automatically
	converted. This happens when the
	two datatype are compatible. When
	data type to bigge data type.
	data type to bigge data type.
The second of	byte -> short -> mt -> long -> float -> double
e	
(0 13)	what are the wall to
	and widening conversion of nomowing
The second secon	and widening conversion of type compatibility and data lose?
5017	widening -conversion present the source
91,	value but con change its
4	value bet con change its representation. This account if you convert from
	on integral type or decinal, or form
	char to string. Change avalue
	J. Charge Grange
3	

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