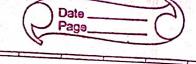


at what is the role of static keyword in context of memory -) - Static key wood plays very orucral roole. in morning allocation - when we knownt to share a variable with the closs for with all the members we use static keyword of the training shoulders william the - When a field ar method declear with Static it get memory while the classloading rathe the on instance creation to real and idelestic - modernistis in the second section with the second section with the field gots memory in the method area & shared all member of class reduce memory Consumption Short hands and aldning allows can static methods can be overloaded in Java Method overloading recurso overridden in save How static variable shared across multiple instances or classing

- yes, static methods can be overloaded in Java. method overloading occurrenchen method have the same name but differ in the number nior dypeloof parameters, house the Static methods can be overloaded Just like methods. which allocated to come to form of the rights sin an madmen and up allo in the - No, Static Methods canonat be overridden in the Same sense that instance method can which a field an moderal horders and head Static methods sibelonge to class so they not part of hierarchy. - if subclass defines a static method with the some significe as one sindiffic superdess as one its superclass of this is know as method shiding . walness Ha bands is - making momera languages # Static variable are shared accross all instance protein topola a class abecause attenther one area ted to closer sitselformenot potomonos anyitospecific object soll the so 12 to 1 characterial bles now access we cand directly use it using class name & (.) operator

79.4	
0.6)	What is significance of final key word in davage
101111 A 112 .	a signification of the modern
7	- used to apply restrictions to variable, methods,
	and classes, it ensures that certain aspects
	of program compat be changed once they
	have been decleaned as find.
	in a complete of the property
	- Final method cannot be overridden & final class
	cannot be inherited.
	· bosons = office and office
2	- used a to declare constants.
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	interior on the fact in the fact one
017	What are narrowing and widening Conversion in
	madra 1 2001 Intending whenti write 290h wolf to
	During Adamania Conversion
4	Norrowing: Norrowis the type of conventing
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	Widoning: is the process of convocting a depointing
	idala type into sits sounder data types.
	byte -> short -> int-1 long-Float-double
	chor-1 in1-1 +

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•	long mylong = [long] myDouble; (Norrowing) int my Int = (int) mylong: (Narrowing)
	my Int = (Int) my long : (Namowing)
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٥٦	Explain the concept of Automatic widening Conversion?
-3	Automatic widening Conversion refers to the process of implicitly Converting a value from a Smaller (or less process) precise primitive data type to larger one.
	-conversion happen automatically, without expisit
	byre-short -, int -, long
	Plout - double
	on: int my Int = 100; long my Long = my Int; // Auto widoning
6]	What are the implication of narrowing and widewing Conversion or on type Compatibility and detaloss,
	narrowing & widning are process. If converting data type to smaller & wider types Roips.
	- 20 widening process - is the same process there are no implication: there is no data loss are precision loss
	- but in narrowing process dataloss & procession loss may happen to handle it we use explicat casting
S Park	