

Inhat it method overloading? explain with e.g. concept at calling I passing messages to method, overloading Eg. Jun(int numl); . - sum (int nume, float nums); Above 2 method has same many but diff. palameter in quantity. Q. method averloading resolut? I how java determine which method to call. by passing different number of predometer argument of by passing different diata type as predometric of by changing the order of predometer argument which method to be called by comparing ang. with par. State leryword? diff bet state of non static 0 It means the member of class 2) are called linitialized only once for that perficular class. The main diffing we can greate object of instance of a not stake field of method corresponding to that instance is a non-state method, one be exacted thistiple broke him. egreed to static methods are those which does

not need instance for instralization of called once per day

q.	· Can static method be overloaded
	how state variable are should across multiple instance
2	of class.
	The second of th
→7.	yes, allert
	when we create sintance; field of
	instance (honestatic) get space inside instance
1.00	but static field get have once per class
	of when called for printing we don't need
	to call states variable explicitely inside non-
L. Carlot	Italic method / was ruchit
9	states leavened in contact of memory man
- Other ta	the second secon
-5.	As state field method gets started f
to more	isitalized at three of class looking they get
	space only once while non-stake gets space
	on every intence call thus reducing memory
4 11 14 11	whiteath (optimal mem utilizate is achieved).
Q	Goal Jerganst.
=>.	used for making constant wheather
A de	141 field, object refuence or local method
	variable, once earlier initialized & connect be
1	assigned reassigned multified,
How	to the task to the tracket the tracket
- 0	this legisted, use of this in contractor for
	A LAN AND LAND AND AND AND AND AND AND AND AND AND
→	which points towards the field of class.
	which points towards the field of class.

this larguaged con only be used in same class of the field which it needs to access. use in const. + method. Le consider field. Le int num; we will use their num = num; in community as well as in method when name of parameter of coof f method is same if are say print provenent in your change narrowing f widening => converting lower data type (primitive) to higher of higher to lower is termed as uidening & narrowing 7esp. Eg at namouring & widening 0 aide = (int num 1 = 10) double nunt = nunt; narrow { double numy= 27.55; byte humo= (byte) numy; use of type conting. how java handle loss in & namuing ?

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type can ting method, it not provided it throws error.

Q	Automatic	uidening.
		U

Specifif the type can king explicitely compiler does that implicitely and there is no loss of data.

Implicent of widening to naming

is happening. The size of the rent of the decimal whilized, & for float of double decimal raises comes in picture.

Namouing => If we consider float f double the decimal values are 1017 f data 1014

when we nonow down from higher to lower say from int to byte. I then widen - the lame ofp from byte to int there is change of data loss.

Fig. int one 300;

Li narrow to best or large is -128 to 127.

when we widen again to int.

it will be 44, instead of 300,