-	Module#3 - Interfaces Casting Contrada
-	
-	- Interlane - Let of nother in a delisted source hile.
-	→ Interfaces - Lat of method in a dedicated source file. - Classes implement interface
	-> Interface name must match course filename
-	-> Interface name must match course filename -> Semicolon instead of method body
	* cast wider var into shorten var type-
	byte < short < int < long < float < double
	small + BSILFD + big
	Shallow equality:
	Compares two vays on the stack not heap.
-	public boolean equals (Staan that) ?.
-	Starthat = (Stan) x // need casting- if (this mass != that man) if (this ar != that ar
-	if (this mass != that mass)
The state of the s	J. Legman glas.
-	
	Hashing: - hash Gode()
and an interesting in the last	- A fact efficient stratem for location objects in memory
or the contractor	contract = livien any two object n' stry if y qualely
THE RESERVE OF THE PERSON NAMED IN	contract = Given any two object 'n' & y' if n. equale by is true then n. hash Codel must equal y. hash Gode ()
-	•
Service de la constitución de la	HashSet: java.util. HashSet
Contract Comments of the Contract Contr	Hash Sol & Books books = new Hosh Sot (book) ();
-	> methods: add() & contain ()
+	> enhanced for loop - arbitrary traversing
-	

= 110 alle conified about to this set if it is ut
> -add O) adds specified element to this set if it is not
already present. > HashSet need to implement hacklode () of equals ().
1 Arm die 1
Arraylist vs. Hash Set: - Time Jacks+ -> Hash Set automatually checks for parion passars - n Arraylist -> Hash Set automatually checks for parion passars - n -> Hash Set is the most efficient easy to use data structure.
> Hack Set automatically checks for varior researce "
A need to add hashlode of respect the contract.
-> Hashfet is the most efficient easy to use date structure.
-> A class is ordered if it implements comparable <x></x>
public int compared o (xxx hot) { }
This is less than that "this" comes before "Hat
>0 this is greater that that this comes after "that
>0 => this is less than that (/ "this" comes before "that >0 => this is greater that that / "this" comes of ker "that) O => this equals (that) "This ayrals that
best way for implement equals.
public boolean equals (Object x) {
Whatever that = (Whatever) x
return this compara To (that) == 0

Tree Sets:

-> traversal order is determined by compare To U

-> Pass (Arroylist, Hashset, Tieset) as an arg. to cto, of [kraylis?]

- than St, Tiese)