

16	Dote Page
	public. Pen (int price, String color) ? this price = price;
	this color = color;
	3
	@oventide
	public boolean equals (object obj); Pen that = (Pen) obj;
	Pen that = (Pen) Obj
	boolean is Equal = this price ==
	that price de this color.
app. Alex	series equals (that.
	return is Equal;
	Lei 1919 3 Mariano Maria La La La Contra de
	A Secretary Transfer of the Artist Control of the Secretary Control of
	@ override
	public int hospicode () ?
	return price + color hosh codel
	3 Services Across Charles Charles
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the contract blw equals() and bashcader
1 11 two objects are equal, then the
Ance a second
2. If two objects have the same hashord they may or may not be equal
Best practices
1. Always use same attributes of an object to generate hash(ode() & equals() both
2 equals (? must be consistent (if the object one not modified, then it must keep
returning the same value).
must be same as b. hash code ():
4. If you override one, then you should overnide the other

public int hash code () ; final int prime = 31; int result = 1: result = prime * result + ((color == nu ? 0: color hash Code() result = prime * result + price. return result; a override. public boolean equals (Object obj) } if (this == obj) returns true; if (0bi == null) returns false, If (get class ()!= obj.get(lass()) return false: Pen other= (Pen) Obji if (color = = null); if (other. color != null) return false: else if (! color equals (other color) return false: = Other price) faise!

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