

The set variable now points to:

this line won't compile 

Answer: this line won't compile

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ssume the follow	ing lines of c	ode are run i	n sequence,	and that any	lines of cod	e that don't c	ompile are sir	mply comme	ented out so	that the rest	of the code ca
ne code uses two	methods fro	om java.util.C	Collections, s	o you might	need to cons	sult the docur	mentation.				
noose the <b>most s</b>	pecific ansv	<b>wer</b> to each q	uestion.								
Set <string> s</string>	et = new 1	HashSet <st< td=""><td>ring&gt;();</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></st<>	ring>();								
ne set variable	now points	to:									
a HashSet object		<b>✓</b> Answ	er: a HashSet	object							
set = Collect	ions.unmo	difiableSe		h is then assi	gned to the	set variable.					
ne set variable											
n object that imple	ements the S	et interface 🗸	✓ Answ	er: an object	that implem	ents the Set i	nterface				
<b>xplanation</b> ne unmodifiableS ashSet object, be				_		ass that we do	on't know, and	d don't need	to know. It a	ılmost certai	nly is not a
set = Collect	ions.sing	leton("glo	rp");								
ne set variable	now points	to:									
n object that imple	ements the S	et interface 🗸	<b>✓</b> Answ	er: an object	that implem	ents the Set i	nterface				
kplanation ne singleton() me aat it implements		s an object th	at belongs t	o some hidde	en class. We	can't say for s	sure whether i	it's a HashSe	et (and most	likely it isn't)	. All we know
set = new Set	<string>(</string>	);									
	now points	to:									
ne set variable											

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## Explanation

A Set doesn't implement the List interface, so Java won't allow a Set object to be assigned to a List.



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