grade 75% Your computer's timezone does not seem to match your Coursera account's timezone setting of America/Los_Angeles.

Change your Coursera timezone setting

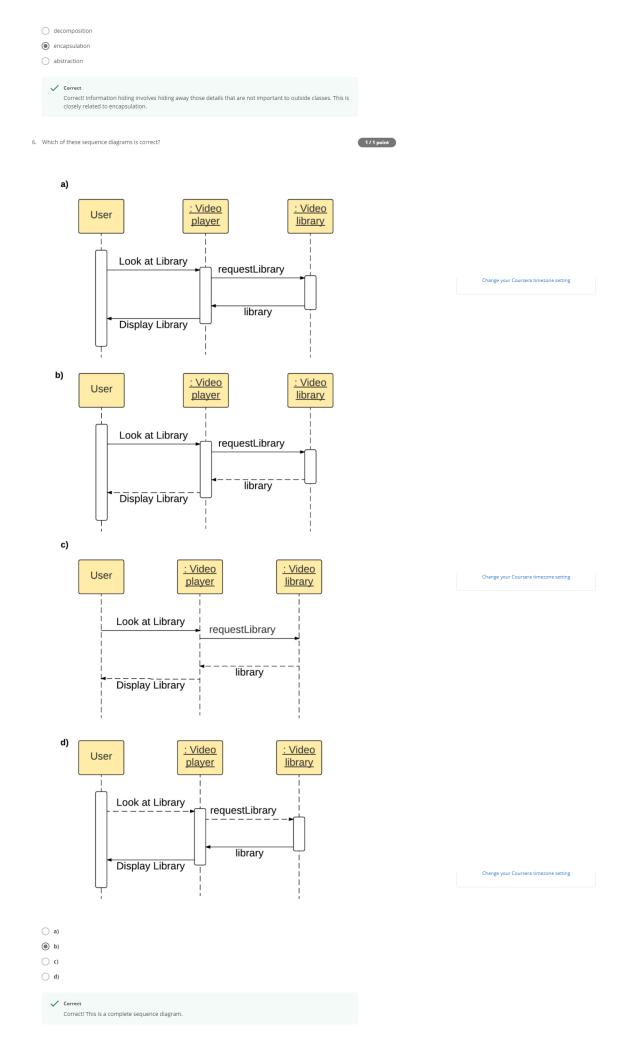
Change your Coursera timezone setting

1/1 point

LA		dule 3 Review UBMISSION GRADE			
1.		ch of these terms are used to describe coupling? Choose the 3 correct answers. degree	1/1 point		
		Correct Correct! Degree is how much two components are connected exposed			
		frequency flexibility			
		Correct Correct Flexibility is how easily a component can be used for another purpose.			
	~	ease			
		Correct Correct! Ease is how easily a component can be switched for a different one.		Cha	nge !
2.	0 0 0	ch is the most desirable? low cohesion, tight coupling low cohesion, loose coupling high cohesion, tight coupling high cohesion, loose coupling	1/1 point		
		✓ Correct Correct!			
3.		at are some keywords you might use for information hiding in Java? Select the three correct answers. [none]	1/1 point		
		 Correct Correct Having no keyword will make the variable or method default to only being accessible by the class and its subclasses. 			
	~	private			
		Correct Correct! This will hide variables or methods from all other classes.		Cha	nge
	~	protected			
		Correct Correct! This will hide information from all classes except those in the same package or those that extend. abstract			
		ausu au			
4.	Wh	at are the best ways to promote Conceptual Integrity in your software? Choose the two correct answers.	0 / 1 point		
		Good commenting			
	~	Delegating development of different components to different teams			
		! This should not be selected Incorrect. Having different teams is necessary in large projects but makes it more difficult to obtain conceptual integrity.			
		Planning the architecture of the system			
	~	Regular code reviews			
		Correct Correct! Regular code reviews will get everyone to think together about the best conventions to use in your software, and allow the team to correct missteps.			

5. Information Hiding is closely related to one of the core design principles of object-oriented design. Which one?

generalization



10. During model checking, what is the name for a violation of the desired properties of the model?

Redevelopment
Error
Counterexample

Change your Coursera timezone setting

Change your Coursera timezone setting

Change your Coursera timezone setti

1/1 point

Model Gap
✓ Correct Correct! This is called a counterexample.
11. When two processes cannot run because they are waiting on the same resource, it's called 1/1 point
Mutual lock
○ State lock
Deadlock
○ Transition lock
✓ Correct
Correct! This is called a deadlock.
12. Choose the three examples of inheritance used poorly :
The subclasses inherit methods from the superclass and have their own specific, related methods.
This should not be selected
Incorrect. This is an ideal use for inheritance!
A subclass inherits methods from the superclass and adds extra, new, unrelated functionality
✓ Correct
Correct! If your subclass inherits some behaviour and adds unrelated functionality, it is not very coherent. You should consider decomposing these responsibilities into different interfaces.
A method in the superclass is overwritten with different behaviour by a subclass.
✓ Inheritance is used to share behaviour without specializing
✓ Correct
Correct! If inheritance is merely used to share behaviour and not much more, consider skipping it altogether and just using the superclass.