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LA	Module 2 Review rest submission grade 3.33%	
1.	Some of the earliest computing languages supported: local variables abstract data types objects and classes main program and subroutines	0/1 point
	Incorrect Incorrect. Objects and classes came later on.	
2.	What are some advantages of object-oriented programming in a language like Java? Choose the three correct answers. abstract data types	1/1 point

Correct! Abstract data types are implemented in natural manner through classes. data management

✓ Correct Correct. Access to attributes of objects can be controlled. mimic the real-world structure of the problem ✓ Correct

omputing efficiency

Correct! In object oriented languages, it can be simpler to represent the problem space.

3. Sam was asked to create a DeliveryDriver class. Sam thought about the problem, and reduced it to its most essential aspects... things like takeOrder, DeliveryArea. etc. She ignored things that were not important in the context, like the driver's height or eye colour. She just applied an important object-oriented design principle. Which of these concepts best describes what she just did?

1/1 point

DeliveryDriver

deliveryArea: DeliveryArea eyeColour: Color height: int

takeOrder()

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generalization abstraction

✓ Correct

Correct! Abstraction is bringing an object into the software by identifying its most important aspects and eliminating those that are unnecessary in the context.

Sam identified the important attributes and behaviours of a delivery driver and put them all into a DeliveryDriver class,
like "takeOrder", "deliverOrder", and "DeliveryArea." She exposed some of these to other classes. She just demonstrated
an important part of object-oriented design. Which of these concepts best describes what you did?





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1/1 point

9. Which is the proper way to show an abstract method in a UML class diagram?

Correct! Inheritance is shown in UML with an open arrowhead pointing to the superclass.

— «anOperation()»

	eration()				
) anOper					
✓ Corr	rect rect! An abstract method, variable, or class nam	e is denote	d in UML with italics.		
hich UML	class diagram is a good example of encapsulati	on? Choose	one of the four options below:	1/1 point	
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