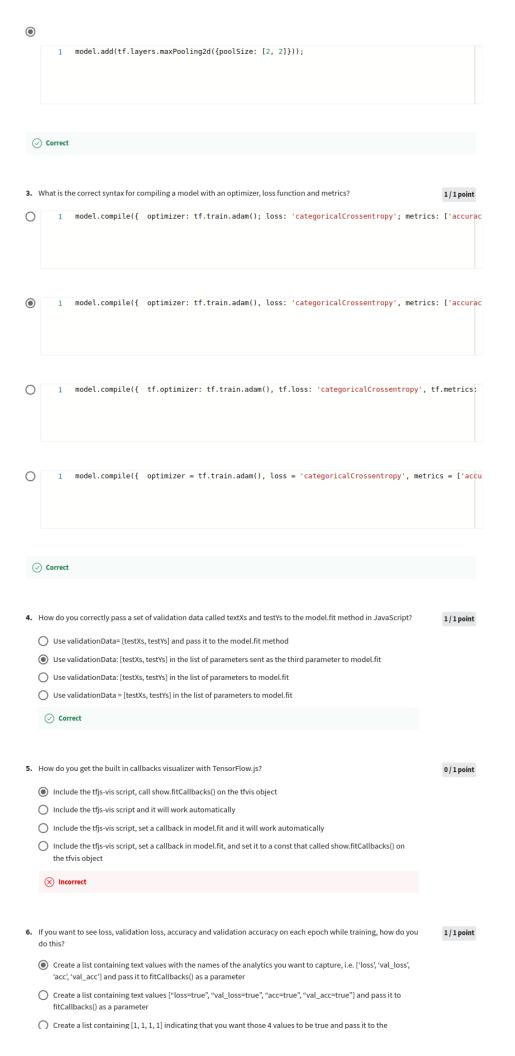
Congratulations! You passed!

Grade received 87.50% Latest Submission Grade 87.50% To pass 80% or higher

Go to next item

		he correct syntax for the first layer in a convolutional neural network that takes an MNIST (28x28 rome) input?	1/1 point
•	1	<pre>model.add(tf.layers.conv2d({inputShape: [28, 28, 1], kernelSize: 3, filters: 8, active</pre>	ation: 'rel
0	1	<pre>model.add(tf.layers.conv({inputShape: (28, 28, 1), kernelSize: 3, filters: 8, activat:</pre>	ion: 'relu'
0	1	model.add(tf.layers.conv2d({inputShape: [28, 28], kernelSize: 3, filters: 8, activation	on: 'relu'}
	2		,
0	1	<pre>model.add(tf.layers.conv({inputShape: [28, 28, 1], kernelSize: 3, filters: 8, activat:</pre>	ion: 'relu'
(Correct		
2.	What is th	he correct syntax for adding a maxPooling2D layer to a Convolutional neural network in JavaScript?	1/1 point
	1	<pre>model.add(tf.layers.maxPooling2D({poolSize = [2, 2]}));</pre>	
0	1	<pre>model.add(tf.layers.maxPooling2D({poolSize: [2, 2]}));</pre>	
0	1	<pre>model.add(tf.layers.maxPooling2d({poolSize = [2, 2]}));</pre>	



	fitCallbacks() as a parameter	
	Oreate a list setting loss=true, val_loss=true, acc=true, val_acc=true, and pass it to the fitCallbacks() as a parameter	
	⊘ Correct	
7.	When using a dataset like MNIST or FashionMNIST, why is it advisable to use a sprite sheet containing all the images?	1/1p
	It prevents excessive multiple HTTP calls to download the data	
	O It keeps the data in the native JS format	
	O It makes the data more secure	
	O It doesn't require any additional pre-processing	
	⊘ Correct	
8.	What is the role of tf.tidy() in TensorFlow.js?	1/1p
	When it is executed it clears memory for new tensors	
	When it is executed, it cleans up all intermediate tensors allocated by a function except those returned by the function	
	When it is executed, it removes everything tensorflow from the browser memory and cache	
	O It shuts down tensorflow when done, cleaning up all memory	
	○ Correct	