Congratulations! You passed!

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1.	Lambda layer allows to execute an arbitrary function only within a Sequential API model.	1/1 point
	False	
	○ True	
	⊙ Correct Correct!	
2.	Which one of the following is the correct syntax for mapping an increment of 2 to the value of "x" using a Lambda layer? (tf = Tensorflow)	1/1 point
	tf.keras.layers.Lambda(lambda x: tf.math.add(x, 2.0))	
	tf.keras.Lambda(x: tf.math.add(x, 2.0))	
	tf.keras.layers.Lambda(x: tf.math.add(x, 2.0))	
	tf.keras.layers(lambda x: tf.math.add(x, 2.0))	
	⊙ correct Correct!	
3.	$One \ drawback \ of \ Lambda \ layers \ is \ that \ you \ cannot \ call \ a \ custom \ built \ function \ from \ within \ them.$	1/1 point
	○ True	
	False	
	○ Correct Correct!	
4.	A Layer is defined by having "States" and "Computation". Consider the following code and check all that are true:	1/1 point
	class SimpleDense(Layer):	
	<pre>definit(self, units=32): super(SimpleDense, self)init() self.units = units</pre>	
	<pre>def build(self, input_shape): w_init = tf.random_normal_initializer()</pre>	
	<pre>self.w = tf.Variable(name="kernel",</pre>	
	<pre>dtype='float32'), trainable=True) b_init = tf.zeros_initializer()</pre>	
	<pre>self.b = tf.Variable(name="bias",</pre>	
	<pre>def call(self, inputs): return tf.matmul(inputs, self.w) + self.b</pre>	
	def call(self, inputs): performs the computation and is called when the Class is instantiated.	
	In definit(self, units=32): you use the <i>super</i> keyword to initialize all of the custom layer attributes	
	You use def build(self, input_shape): to create the state of the layers and specify local input states.	
	After training, this class will return a w*X + b computation, where X is the input, w is the weight/kernel tensor with trained values, and b is the bias tensor with trained values.	
5.	Consider the following code snippet.	1/1 point
		-/
	class SimpleDense(Layer):	
	<pre>definit(self, units=32): super(SimpleDense, self)init() self.units = units</pre>	
	<pre>def build(self, input_shape): w_init = tf,random_normal_initializer()</pre>	
	<pre>self.w = tf.Variable(name="kernel", initial_value=w_init(shape=(input_shape[-1], self.units), dtype='float32'), trainable=True)</pre>	
	<pre>b_init = tf.zeros_initializer() self b = tf Variable(name="bise")</pre>	
	<pre>self.b = tf.Variable(name="bias",</pre>	
	<pre>def call(self, inputs): return tf.matmul(inputs, self.w) + self.b</pre>	

⊘ Correct

def call(self, inputs):

self.activation = tf.keras.activations.get(activation)

return self.activation(tf.matmul(inputs, self.w) + self.b)