	Go to next item	
1.	Lambda layer allows to execute an arbitrary function only within a Sequential API model.  True  False	1/1 point
	○ 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)  tf.keras.layers(lambda x: tf.math.add(x, 2.0))  tf.keras.layers.Lambda(x: tf.math.add(x, 2.0))  tf.keras.Lambda(x: tf.math.add(x, 2.0))  tf.keras.layers.Lambda(lambda x: tf.math.add(x, 2.0))  Correct Correct!	1/1 point
3.	One drawback of Lambda layers is that you cannot call a custom built function from within them.  True  False  Correct Correct!	1/1 point

Congratulations! You passed!

**Grade received** 95% **Latest Submission Grade** 95% **To pass** 80% or higher

- 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.
- In def \_\_init\_\_(self, units=32): you use the *super* 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.
- ✓ Correct!
- def call(self, inputs): performs the computation and is called when the Class is instantiated.
- This should not be selected Incorrect! This function is called during training.

What are the function modifications that are needed for passing an activation function to this custom layer implementation?

```
def build(self, input_shape):
    .
    self.activation = tf.keras.activations.get(activation)

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

def __init__(self, units=32, activation=None):
    .
    self.activation = tf.keras.activations.get(activation)

def call(self, inputs):
    return self.activation(tf.matmul(inputs, self.w) + self.b)
```

Correct!