LATEST SUBMISSION GRADE 100%		
1.	Lambda layer allows to execute an arbitrary function only within a Sequential API model. False True	1/1 point
	✓ 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
	FalseTrue	
	✓ Correct Correct!	

```
1 / 1 point
```

- def call(self, inputs): performs the computation and is called when the Class is instantiated.
- In def __init__(self, units=32): you use the *super* keyword to initialize all of the custom layer attributes
- After training, this class will return a w*X + b computation, where X is the input, w is the weight/kernel tensor with
- You use def build(self, input_shape): to create the state of the layers and specify local input states.

✓ Correct!

5. Consider the following code snippet.

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

```
def __init__(self, units=32):
    .
    self.activation = tf.keras.activations.get(activation)

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

def build(self, units=32, activation=None):
    .
    self.activation = activation

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

```
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)
```