

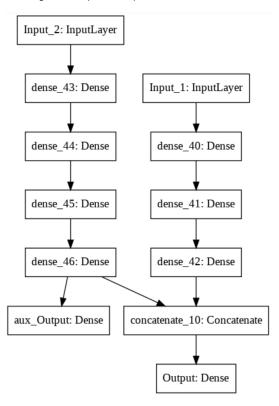
Congratulations! You passed!

Grade received 100% Latest Submission Grade 100% To pass 80% or higher

Go to next item

1. Following is an example of a deep and wide network structure.

1/1 point



- False
- O True
- **⊘** Correct

Correct! This model structure does not have an input path that go through a shallow, or a wide layer.

2. Consider the following code and check all that are true:

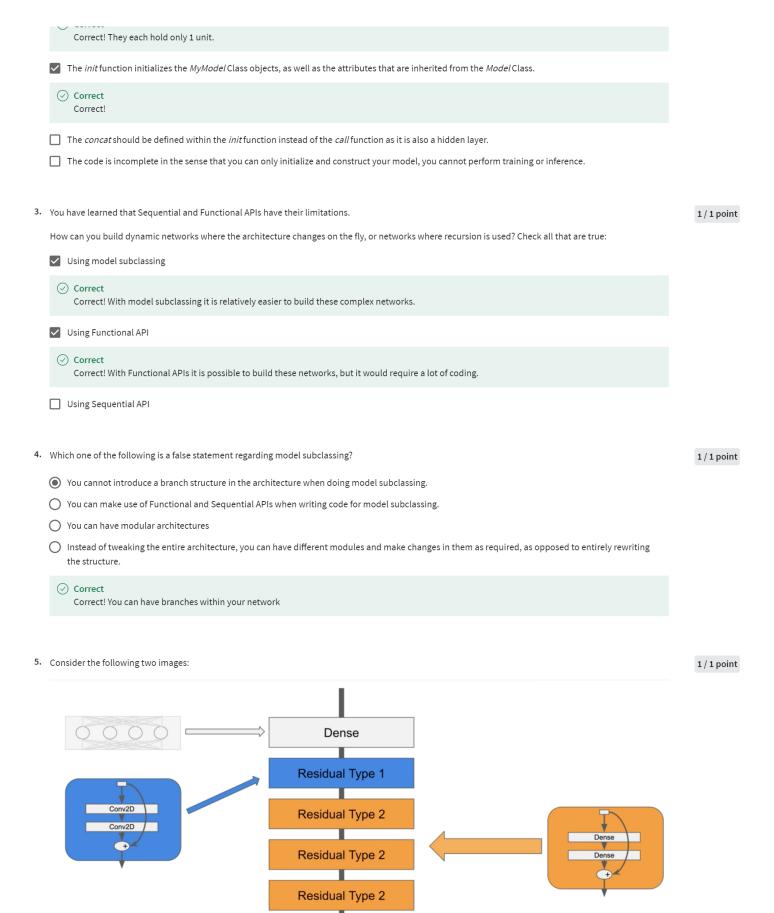
1/1 point

```
class MyModel(Model):
    def __init__(self, units=30, activation='relu', **kwargs):
        super().__init__(**kwargs)
        self.hidden1 = Dense(units, activation=activation)
        self.hidden2 = Dense(units, activation=activation)
        self.main_output = Dense(1)
        self.aux_output = Dense(1)

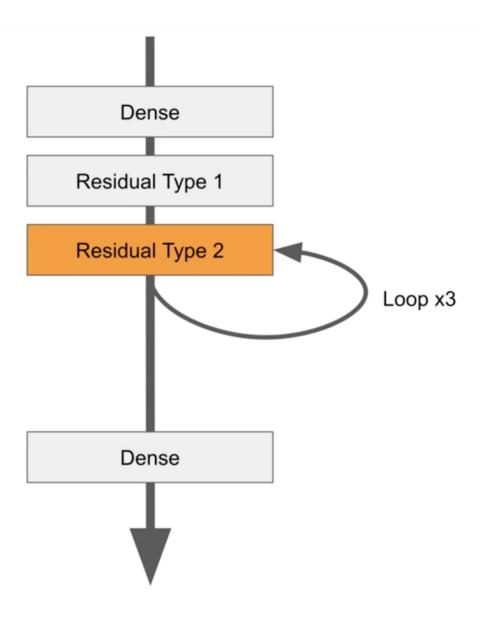
def call(self, inputs):
        input_A, input_B = inputs
        hidden1 = self.hidden1(input_B)
        hidden2 = self.hidden2(hidden1)
        concat = concatenate([input_A, hidden2])
        main_output = self.main_output(concat)
        aux_output = self.aux_output(hidden2)
        return main_output, aux_output
```

The output layers cannot give more than 1 result each.





Dense

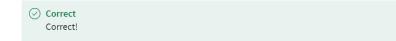


Check all that are true:

Each Residual block has two hidden layers and one add layer in it.



You make a loop of Residual Type 2 blocks because you want to reduce the depth of the network (making it less complex of an architecture)



- You loop Residual Type 2 (Dense layers) because you cannot make a loop of Conv2D layers (Residual Type 1)
- When you make a loop of *Residual Type 2* blocks, each block could have the same weights.