Quiz: Deeper Neural Networks with ModuleList

Instructions for Graded Review Questions

How much time do I have to complete these questions?

Unlimited. You can take as long you want to answer these questions.

Can I go back to the videos to check something, then come back to these Review Questions?

Yes, absolutely! These questions are for you to review what you've learned so far. Take your time.

Do these Review Questions count towards my final grade?

Yes, all of the review questions, combined together, are worth 50% of your total mark.

How many chances do I get to answer these questions?

It depends:

- For True/False questions, you only get one (1) chance.

- For any other question (that is not True/False), you get two (2) chances.

How can I check my overall course grade?

You can check your grades by clicking on "Progress" in the top menu.

Use the following code for the questions:

```
class Net(nn.Module):
    # Section 1:
        def __init__(self, Layers):
                super(Net,self).__init__()
                self.hidden = nn.ModuleList()
                for input_size,output_size in zip(Layers,Layers[1:]):
                        self.hidden.append(nn.Linear(input_size,output_size))
        # Section 2:
        def forward(self, activation):
                L=len(self.hidden)
                for (l, linear_transform) in zip(range(L), self.hidden):
                        if #Question 2
                                activation = F.relu(linear_transform(activation))
                        else:
                                activation = linear_transform(activation)
                return activation
```

Multiple Choice

1/1 point (graded)
Let us create an object `model = Net([2,3,4,1])`

How many hidden layers are there in this model?

- 1

- (•) 2
- ( ) 3
- ( ) 4

✔

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

Multiple Choice

1/1 point (graded)
See the code on the top.

What should we use for the if statement in Section 2?

- ( ) l > L
- ( ) l > L - 1
- ( ) l < L
- (•) l < L - 1

✔

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

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