

# Quiz: Building Deep Networks In PyTroch

## 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.

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Use the following class for the questions:

```
class Net(nn.model):
  def __init__(self, D_in, H1, H2, D_out):
        super(Net, self).__init__()
    self.linear1 = nn.Linear(D_in, H1)
    self.linear2 = nn.Linear(H1, H2)
    self.linear3 = nn.Linear(H2, D_out)
  def forward(self, x):
      (Multiple Choice)
    return x
```

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## Multiple Choice

1/1 point (graded)

How many times should the activation function (like sigmoid) be applied in the `def forward(self, x)` if the result contains multiple classes?

- 1
- 2 ✓
- 3
- 4

Submit You have used 1 of 2 attempts

✔ Correct (1/1 point)

## Numerical Input

2/2 points (graded)
Consider the following code:

```
model = Net(3,5,4,1)
```

How many hidden layers are there in this model?

2 ✔

How many inputs are there for the first hidden layer?

3 ✔

3

Submit You have used 2 of 2 attempts

✔ Correct (2/2 points)

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