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Quiz: Pytorch Way

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.

Multiple Choice

1/1 point (graded)

What does the following line of code do?

```
optimizer.step()
```

- ☐ Clears the gradient
- ☐ Computes the gradient of the loss with respect to all the learnable parameters
- ☐ Makes a prediction
- ☒ Makes an update to its parameters



Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Multiple Choice

1/1 point (graded)

What's missing from the following code?

```
yhat=model(x)
```

```
loss=criterion(yhat,y)
```

```
loss.backward()
```

```
optimizer.step()
```

```
]
```

☐ There is no prediction☐ Calculation of the loss☒ Does not clear the gradient☐ There is no Backward pass

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Multiple Choice

1/1 point (graded)

What's wrong with the following lines of code?

```
[
```

```
optimizer = optim.SGD(model.parameters(), lr = 0.01)
```

```
model=linear_regression(1,1)
```

```
]
```

☒ The model object has not been created. As such, the argument that specifies what Tensors should be optimized does not exist

☐ There is no loss function

☐ You have to clear the gradient



Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

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