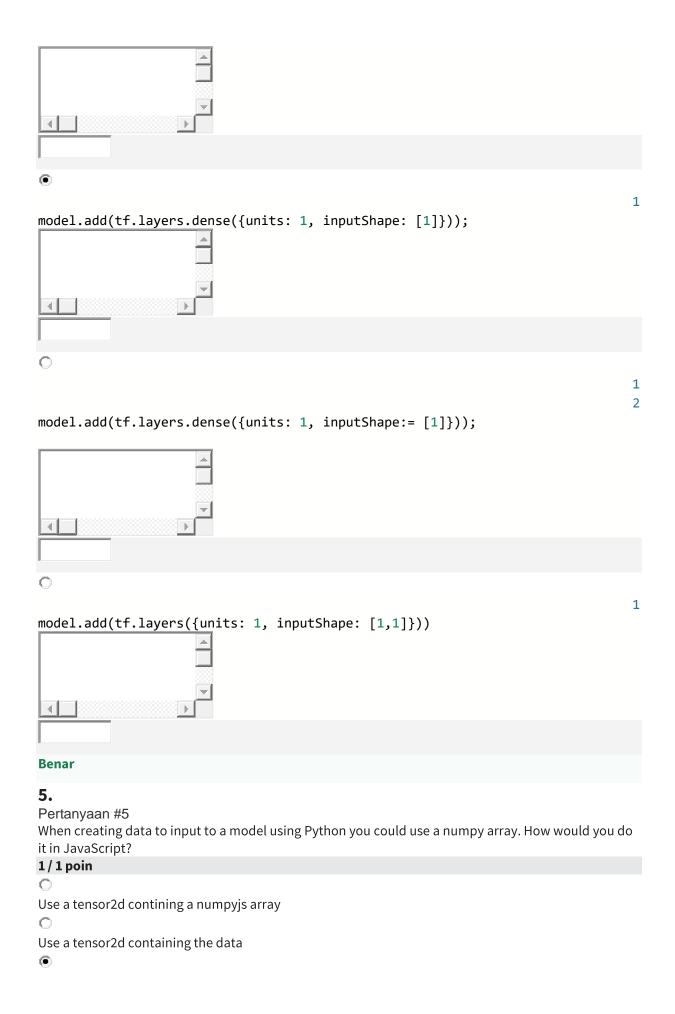## 1.
Pertanyaan #1
What is the name of the API at the heart of TensorFlow.js which allows things like layers to be used?
0 / 1 poin

○

JS API

○

TFJS API

○

Core API

◉

Core TF API

Salah

2.
Pertanyaan #2
How does TensorFlow.js use GPU acceleration in the browser?
1 / 1 poin

○

It doesn't

◉

You access GPU through WebGL in the browser

○

It works natively through GPU libraries in TensorFlow

○

You have to install GPU runtimes for each browser, and explicitly use them

Benar

3.
Pertanyaan #3
How can you use a TPU with TensorFlow.js?
1 / 1 poin

○

You can't

○

Only using Colab

○

You have to serve your JS from a GCP instance

◉

You can use Node.js on GCP and access TPU instances

Benar

4.
Pertanyaan #4
Which of the following lines of code will correctly add a single dense layer containing a single neuron that takes a numeric input to a model using JavaScript?
1 / 1 poin

○

```
model.add(tf.layers.dense({units= 1, inputShape: [1]}));
```

○

1

```
model.add(tf.layers.dense({units: 1, inputShape: [1]}));
```

○

1
2

```
model.add(tf.layers.dense({units: 1, inputShape:= [1]}));
```

○

1

```
model.add(tf.layers({units: 1, inputShape: [1,1]}))
```

Benar

5.
Pertanyaan #5
When creating data to input to a model using Python you could use a numpy array. How would you do it in JavaScript?
1 / 1 poin

○

Use a tensor2d contining a numpyjs array

○

Use a tensor2d containing the data

●

Use a tensor2d containing the data and the shape of the data

○

Use a numpyjs array

Benar

6.

Pertanyaan #6

If I train a model to detect a linear relationship (i.e. Y=2X-1), what line of code would output a prediction from that model for Y where X=10?

1 / 1 poin

◉

1

```
alert(model.predict(tf.tensor2d([10], [1,1])));
```

○

1

```
alert(model.predict(10));
```

○

1
2

```
alert(model.predict([10], [1,1]));
```

○

1

```
alert(model.predict(tf.tensor2d([10])));
```

7.
Pertanyaan #7
When training a model, if I want to log training status at the end of an epoch, what is the name of the callback event you want to capture?

1 / 1 poin

◉

onEpochEnd

◯

EpochEnded

◯

EpochEnd

◯

OnEpochEnded

Benar