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

Core API

1. How does TensorFlow.js use GPU acceleration in the browser?

You access GPU through WebGL in the browser

1. How can you use a TPU with TensorFlow.js?

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

1. 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?

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

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

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

1. 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?

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

1. 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?

onEpochEnd