C2 W3 quiz

100%

1/ What technology is used to deploy addons like TensorFlow Lite to iOS applications?

- VSNs
- Cocoapods
- Applepods
- Gradle

2/ What is the name of the pod that you use to add TF Lite to an iOS app with the Swift language?

- TensorFlowSwift
- LiteSwift
- TensorFlowLite
- TensorFlowLiteSwift

3/ How do you deploy a model to iOS for offline use?

- You convert it to swift code and use it as an activity
- You add is as part of the app bundle
- You download it at runtime
- You bundle model and interpreter as a resource file

4/ How does iOS represent images in memory?

- An NSPixelArray
- An array of bytes
- A CVPixelBuffer
- Image class

5/ How do you do inference with a TF Lite interpreter in Swift?

- interpreter.run(input, output)
- Copy values to input tensor, call interpreter.run(), copy outputs to output Tensor
- Copy values to input tensor, call interpreter.invoke(), copy outputs to output Tensor
- ~~interpreter.invoke(input, output)~~

6/ How do you specify the number of threads that the interpreter should use?

- Call the setThreads() method on an InterpreterOptions object and specify the desired amount
- Use an InterpreterOptions object and set it's useThreads property to true
- Use an **InterpreterOptions** object and set its **threadCount** property to the desired amount
- Use an InterpreterOptions object and set its threads property to the desired amount

7/ What format is an image in a CVPixelBuffer?

- BGR_32
- RGB_32
- RGBA_32
- BGRA_32

8/ How can you tell if a model is quantized at runtime?

- Check the modelFormat data type. If it's uInt8, the model is quantized
- Check the isQuantized property on the input tensor. If it is true, the model is quantized
- Check the **inputTensor** Data type. If it's uInt8, the model is quantized
- Check the isQuantized property on the interpreter. If it is true, the model is quantized

9/ In what order does the object detection model report the bounding box parameters?

- x, y, width, height
- y, x, height, width
- y, x, width, height
- x, y, height, width

----------The end----------