# Questions

## 1.

Services are alternatives to publishers that are suitable for on-demand calculations. Instead of a publisher and a subscriber exchanging messages through a topic, this alternative comprises a "server" (the service provider) and a "client" (the node using the service). For functions that take a long time to complete, such as physical robot movement commands, ROS2 provides Actions, which are designed to be asynchronous.

#### 2.



## 3.

It was helpful (as long as it's in ROS2  $\bigcirc$ ). It would be more helpful if at least one of the packages was written in Python. Many developers are overly snobby toward Python, but the reality is that it's much faster to develop with, and it's nearly always good enough.

## 4.

Yes.