

# Grab - June 2024

## Personal and General

1. Can you introduce yourself?

## Memory Management

2. How does Swift manage memory internally?
3. When should you use ``weak`` and when should you use ``unowned``?
4. Where should you use ``weak self`` and where should you use ``unowned self``?

## Navigation and Observers

5. How do you control navigation in an iOS app?
6. What will happen if we add an observer twice in a view controller?

## Custom Notification Manager

7. How can I create a custom notification manager in Swift that ensures a notification triggers only once per class?

## Thread Safety

8. Are dictionary and array thread-safe in Swift?
9. What is a dispatch barrier used for?