



# Mobile Application

With Flutter

Slide URL : <https://bit.ly/3bBBsHz>



# Agenda

Day 2

1. Stateful and stateless widgets
2. Lab 5
3. Navigation
4. Lab 6
5. Send data to a new screen
6. Lab 7
7. CRUD with sqlite
8. Lab 8
9. Flutter Packages
10. Lab 9



# Stateful and stateless widgets

- Stateful
  - Dynamic, can change when user interact with it
- Stateless
  - Never change



### Oeschinen Lake Campground

Kandersteg, Switzerland



41



CALL



ROUTE



SHARE

Lake Oeschinen lies at the foot of the Blüemlisalp in the Bernese Alps. Situated 1,578 meters above sea level, it is one of the larger Alpine Lakes. A gondola ride from Kandersteg, followed by a half-hour walk through pastures and pine forest, leads you to the lake, which warms to 20 degrees Celsius in the summer. Activities enjoyed here include rowing, and riding the summer toboggan run.



41

Favorited



40

Not favorited

# Lab 5





# Stateful and stateless widgets

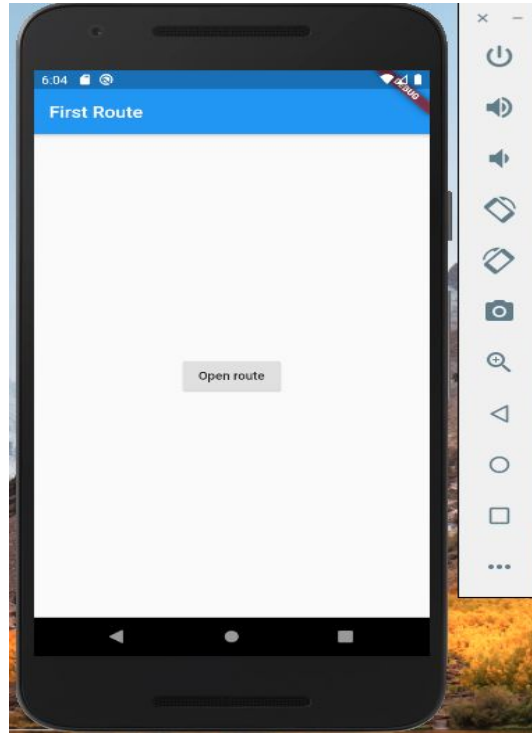
- [https://github.com/hanafiah/flutter\\_lab/wiki/lab-5-Stateful-and-stateless-widgets](https://github.com/hanafiah/flutter_lab/wiki/lab-5-Stateful-and-stateless-widgets)



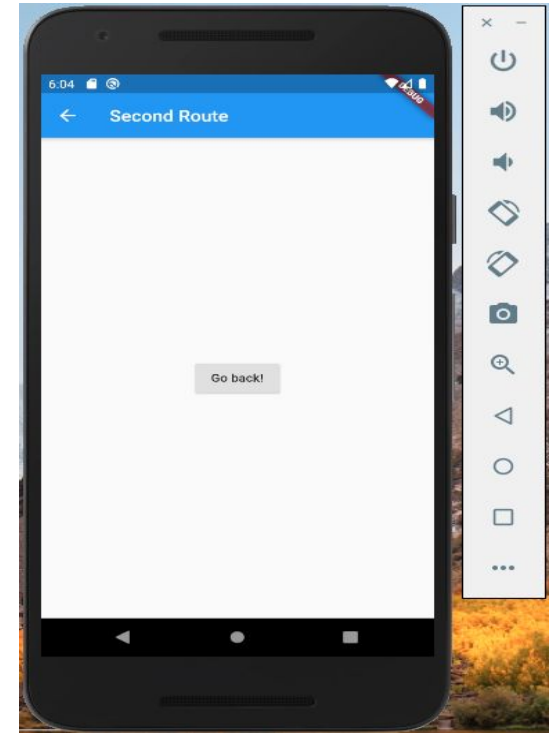
End of Lab

# Navigation

Page 1



Page 2







# Navigation - Navigate to a new screen and back

- Navigate to second page
  - `Navigator.push()`
- Navigate back to first page
  - `Navigator.pop()`



## Navigation - Navigate with named routes

- Navigate to second page
  - `Navigator.pushNamed()`
- Navigate back to first page
  - `Navigator.pop()`

## Lab 6





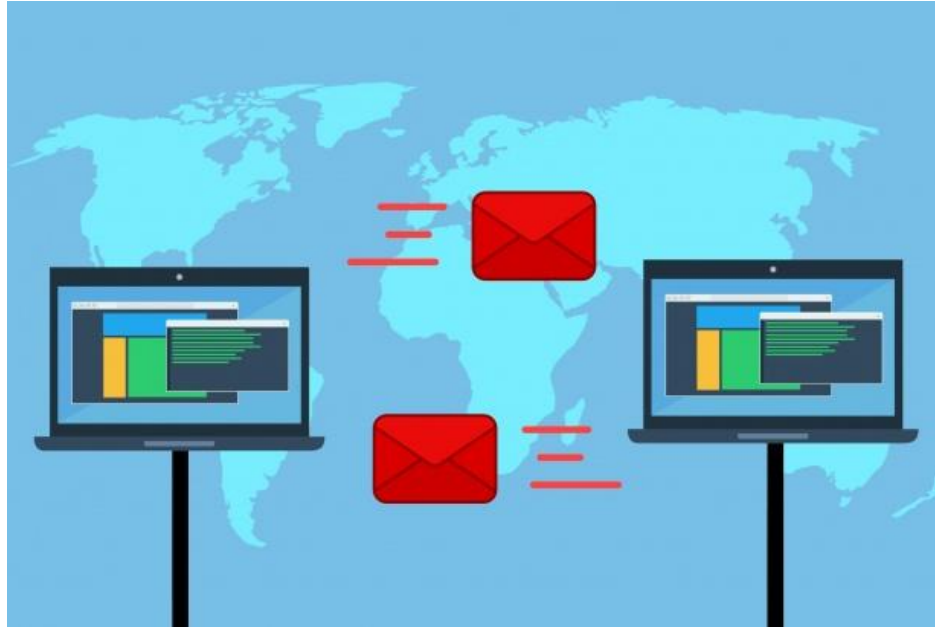
# Navigation

- [https://github.com/hanafiah/flutter\\_lab/wiki/lab-6--Navigate-to-a-new-screen-and-back](https://github.com/hanafiah/flutter_lab/wiki/lab-6--Navigate-to-a-new-screen-and-back)
- [https://github.com/hanafiah/flutter\\_lab/wiki/lab-6---Navigate-with-named-routes](https://github.com/hanafiah/flutter_lab/wiki/lab-6---Navigate-with-named-routes)



End of Lab

## Send data to a new screen





# Lab 7





# Send data to a new screen

- [https://github.com/hanafiah/flutter\\_lab/wiki/Lab-7-Send-data-to-a-new-screen](https://github.com/hanafiah/flutter_lab/wiki/Lab-7-Send-data-to-a-new-screen)





End of Lab