

# Navigation in Jetpack Compose

Let's do a quick test! You must answer at least 8 questions correctly to pass this quiz.

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1. A route is defined with a(n) \_\_\_\_ data type.

- ☐ @Composable function
- ☐ NavHost.Route
- ☒ String ☒ Correct!
- ☐ NavRoute


2. With a NavHost, you must explicitly specify a starting screen.

- ☒ True ☒ Correct!
- ☐ False


3. It's considered best practice to not pass a NavController to individual composables.

- ☒ True ☒ Correct!
- ☐ False


4. \_\_\_ is a composable that manages which screen is displayed based on a given route.

- ☐ NavController
- ☐ NavHostController
- ☒ NavHost  Correct!
- ☐ ComposableNavigator


5. The `composable()` function called in a `NavHost` takes which two parameters?

- ☐ Destination content and a route
- ☒ A route and composable content  Correct!
- ☐ A path and a composable
- ☐ Composable content and an intent.

6. You can change the currently displayed route using the \_\_\_ method.

- ☐ `update()`
- ☐ `composable()`
- ☐ `transition()`
- ☒ `navigate()`  Correct!


7. The \_\_\_ method removes one or more screens from the backstack.

- ☐ `popToStartDestination()`
- ☒ `popBackStack()`  Correct!
- ☐ `popComposable()`
- ☐ `popToBackStack()`


8. In a multi-screen app, navigating to a new screen puts it on the bottom of the backstack.

- ☐ True
- ☒ False  Correct!

9. Intent \_\_\_ contain additional data passed to an Intent.

- ☐ arguments
- ☒ extras  Correct!
- ☐ parameters
- ☐ properties

10. `StateFlow` is a data-holder observable flow that emits the current and new state updates.

- ☒ True  Correct!
- ☐ False

## 11. Which of the following are true about the Back and Up buttons?

Choose as many answers as you see fit.

- ☒ The Back button is a system button ✔ Correct!
- ☐ The Up button is provided by the system at the bottom of the screen
- ☐ The Back button is part of the `AppBar`
- ☐ The Up button in the `AppBar` automatically navigates to the previous screen.
- ☐ The Back button only appears if you use navigation.
- ☒ The Up button can be shown or hidden, depending on the current screen. ✔ Correct!

## Results

You scored **11 out of 11**. Congratulations! You have passed this quiz.

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