**1.**

Which of the following are required to add navigation between multiple screens? Select all that apply.

**1 / 1 point**



**NavHost**



**Correct**

Correct! A **NavHost** is required to link a **NavController** with a **NavGraph**.



**RouteController**



**NavGraph**



**Correct**

Correct! A **NavGraph** is required by the **NavHost** to navigate between composables.



**NavController**



**Correct**

Correct! A **NavController** is required to trigger navigation between screens.

**2.**

What is a route in Jetpack Navigation?

**1 / 1 point**



A collection of destinations



A container for displaying the current destination



A unique string for every destination



A composable destination



**Correct**

Correct! Each composable destination corresponds to a route in the navigation graph so you should have a unique string for each one.

**3.**

True or False: The **object** keyword is used for creating an **object** without creating the class.

**0 / 1 point**



True



False



**Incorrect**

Not quite. Please review the video

[Navigation in Compose](https://www.coursera.org/learn/create-the-user-interface-android-studio/lecture/htXEr/navigation-in-compose" \t "_blank)

[](https://www.coursera.org/learn/create-the-user-interface-android-studio/lecture/htXEr/navigation-in-compose" \t "_blank).

**4.**

Which of the following is the default argument type for the **navArgument()** function?

**1 / 1 point**



**String**



**Boolean**



**Int**



**Correct**

Correct! You can set the argument type in the trailing lambda of the **navArgument()** function.

**5.**

In Jetpack Compose Navigation, the \_\_\_\_\_\_\_\_\_\_ function is used for constructing a new argument.

**1 / 1 point**



**argument()**



**navArgument()**



**argumentNav()**



**Correct**

Correct! Variables defined in a **Destination** can be passed to the **navArgument** with their type specified in the trailing lambda.

**6.**

Which of the following is used for the primary destinations which need to be accessed from anywhere within the app?

**1 / 1 point**



**bottomNavigation**



**Navigation** component



**TopAppBar**



**Correct**

Correct! It is a common practice to use an icon, route and title for each bottom navigation item.

**7.**

Which of the following is used for a horizontal list of an unknown number of items?

**1 / 1 point**



**LazyColumn**



**Row**



**LazyRow**



**Correct**

Correct! **LazyRow** is similar to row, but it is used for horizontal scrolling lists.

**8.**

What is the most suitable element when you have an unknown or large number of items? Select all that apply.

**1 / 1 point**



**LazyRow**



**Correct**

Correct! **LazyRow** creates a horizontal scrollable list.



**Row**



**LazyColumn**



**Correct**

Correct! **LazyColumn** creates a vertical scrollable list.



**Column**

**9.**

Imagine you have defined the ProductScreen below:

4

5

6

7

8

9

10

11

12

13

14

1

2

3

         Modifier.fillMaxSize(),

         verticalArrangement = Arrangement.Center,

         horizontalAlignment = Alignment.CenterHorizontally

     ) {

         Text(

             text = "Inventory Number $productNumber",

             fontSize = 33.sp

         )

     }

  }

  @Composable

  fun ProductScreen(productNumber: Int?) {

     Column(



@Composable fun ProductScreen(productNumber: Int?) { Column( Modifier.fillMaxSize(), verticalArrangement = Arrangement.Center, horizontalAlignment = Alignment.CenterHorizontally ) { Text( text = "Inventory Number $productNumber", fontSize = 33.sp

Which part of the following code is responsible for passing the value of the navigation argument to **ProductScreen**?

**ProductScreen(it.arguments?.getInt(Product.argProductNumber))**

**0 / 1 point**



**.getInt()**



.**argProductNumber**



**arguments**



**Incorrect**

Not quite. Please review the reading

[Navigation Examples](https://www.coursera.org/learn/create-the-user-interface-android-studio/supplement/ckqzo/navigation-examples" \t "_blank)

[](https://www.coursera.org/learn/create-the-user-interface-android-studio/supplement/ckqzo/navigation-examples" \t "_blank).

**10.**

Which of the following best describes a **NavController**?



**NavController** is a collection of navigable destinations.



**NavController** is responsible for navigating between destinations.



**NavController** acts as a container for displaying the current destination.



**Correct**

Correct! **NavController** takes care of navigating between destinations while tracking and manipulating the back stack.