← Back Advanced UI with JetPack Compose DueAug 27, 11:59 PM IST

■ NavHost is responsible for keeping track of the back stack.

Not quite. Please review the video Navigation component.

 \bigotimes Incorrect

NavHost acts as a container for displaying the current destination.

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Your grade: 80%
Your latest: 50%•Your highest: 80%•To pass you need at least 80%. We keep your highest score.
                                                                                                                Next item 
ightarrow
 1. Which of the following are required to add navigation between multiple screens? Select all that apply.
                                                                                                                   0 / 1 point
☐ NavGraph
 V NavHost
Correct! A NavHost is required to link a NavController with a NavGraph.
 NavController
Correct! A NavController is required to trigger navigation between screens.
 RouteController
 You didn't select all the correct answers
                                                                                                                   1 / 1 point
 2. What is a route in Jetpack Navigation?
A collection of destinations
A composable destination

    A unique string for every destination

 A container for displaying the current destination
Correct
Correct! Each composable destination corresponds to a route in the navigation graph so you should have a
                                                                                                                   1 / 1 point
 3. True or False: The object keyword is used for creating an object without creating the class.
True
O False
Correct
Correct. The object keyword is commonly used in Jetpack Compose for creating routes.
 4. Which of the following data types are supported by Navigation? Select three that apply.
                                                                                                                    0 / 1 point
Integer
Array
Boolean
String
 You didn't select all the correct answers
 5. Which of the following is the correct way to pass the arguserName variable in the below Destination object to
                                                                                                                   1 / 1 point
   {	t navArgument?}
             interface Destinations {
                val route: String
             object Profile : Destinations {
               const val argUserName = "UserName"
                override val route = "Profile"
         1 navArgument(Profile.argUserName) {
        2 type = NavType.StringType
         1 navArgument($UserName) {
        2 type = NavType.StringType
         1 navArgument(argUserName) {
                 type = NavType.StringType
Correct
Correct! navArgument accepts an argument defined in the Destination object with the type set in the trailing
 6. Which of the following is used for the primary destinations which need to be accessed from anywhere within the app?
                                                                                                                   0 / 1 point
 TopAppBar
Navigation component
bottomNavigation
 ⊗Incorrect
Not quite. Please review the video <u>Tabbed Navigation.</u>□
7. Which of the following is used for a horizontal list of an unknown number of items?
                                                                                                                   1 / 1 point
Row
LazyColumn
LazyRow
 Correct! LazyRow is similar to row, but it is used for horizontal scrolling lists.
                                                                                                                   0 / 1 point
 8. Which of the following composes only that which is in the visible viewport? Select all that apply.
 LazyGrid
LazyColumn
Correct! LazyColumn creates a vertical scrolling list.
LazyVerticalGrid
 LazyRow
Correct! LazyRow creates a horizontal scrolling list.
 9.Imagine you have defined the ProductScreen below:
                                                                                                                   1 / 1 point
             @Composable
             fun ProductScreen(productNumber: Int?) {
                    Modifier.fillMaxSize(),
                    verticalArrangement = Arrangement.Center,
                    horizontalAlignment = Alignment.CenterHorizontally
               ) {
                        text = "Inventory Number $productNumber",
                        fontSize = 33.sp
      11
      12
      13
      14
   Which part of the following code is responsible for passing the value of the navigation argument to ProductScreen?
   ProductScreen(it.arguments?.getInt(Product.argProductNumber))
 arguments
.argProductNumber
 .getInt()
 Correct! ProductScreen accepts an argument of type Int. The .getInt() function will supply the value of the
    navigation argument to the ProductScreen.
                                                                                                                   0 / 1 point
 10. Which of the following best describes what a NavHost is?
 NavHost is a collection of navigable destinations.
```