

109590003 HW7-1

Question 1

Which template provides an `Activity` with an options menu and the [v7 appcompat](#) support library [AppBar](#) as the app bar? Choose one:

- Empty Activity template
- Basic Activity template
- Navigation Drawer Activity template
- Bottom Navigation Activity

A

- Basic Activity template

Question 2

Which dependency do you need in order to use a [TabLayout](#)? Choose one:

- `com.android.support:design`
- `com.android.support.constraint:constraint-layout`
- `junit:junit:4.12`
- `com.android.support.test:runner`

A

- `com.android.support:design`

Question 3

Where do you define each child `Activity` and parent `Activity` to provide **Up** navigation? Choose one:

- To provide the **Up** button for a child screen `Activity`, declare the parent `Activity` in the child `Activity` section of the `activity_main.xml` file.
- To provide the **Up** button for a child screen `Activity`, declare the parent `Activity` in the "main" XML layout file for the child screen `Activity`.
- To provide the **Up** button for a child screen `Activity`, declare the parent `Activity` in the child `Activity` section of the `AndroidManifest.xml` file.
- To provide the **Up** button for a child screen `Activity`, declare the parent `Activity` in the parent `Activity` section of the `AndroidManifest.xml` file.

A

- To provide the **Up** button for a child screen `Activity`, declare the parent `Activity` in the child `Activity` section of the `AndroidManifest.xml` file.

109590003 HW7-2

Question 1

Which of the following statements about a RecyclerView is *false*? Choose one.

- A `RecyclerView` is a more resource-efficient way to display scrollable lists .
- You need to provide a layout for just one item of the list.
- All list items look the same.
- You don't need a layout manager with a `RecyclerView` to handle the hierarchy and layout of `View` elements.

A

- You don't need a layout manager with a `RecyclerView` to handle the hierarchy and layout of `View` elements.

Question 2

Which of the following is the primary component you need to provide to an adapter a `View` item and its position within a `RecyclerView`? Choose one.

- `RecyclerView`
- `RecyclerView.Adapter`
- `RecyclerView.ViewHolder`
- `AppCompatActivity`

A

- `RecyclerView.ViewHolder`

Question 3

Which interface do you need to implement in order to listen and respond to user clicks in a `RecyclerView`? Choose one.

- `View.OnClickListener`
- `RecyclerView.Adapter`
- `RecyclerView.ViewHolder`
- `View.OnKeyListener`

A

- `View.OnClickListener`