

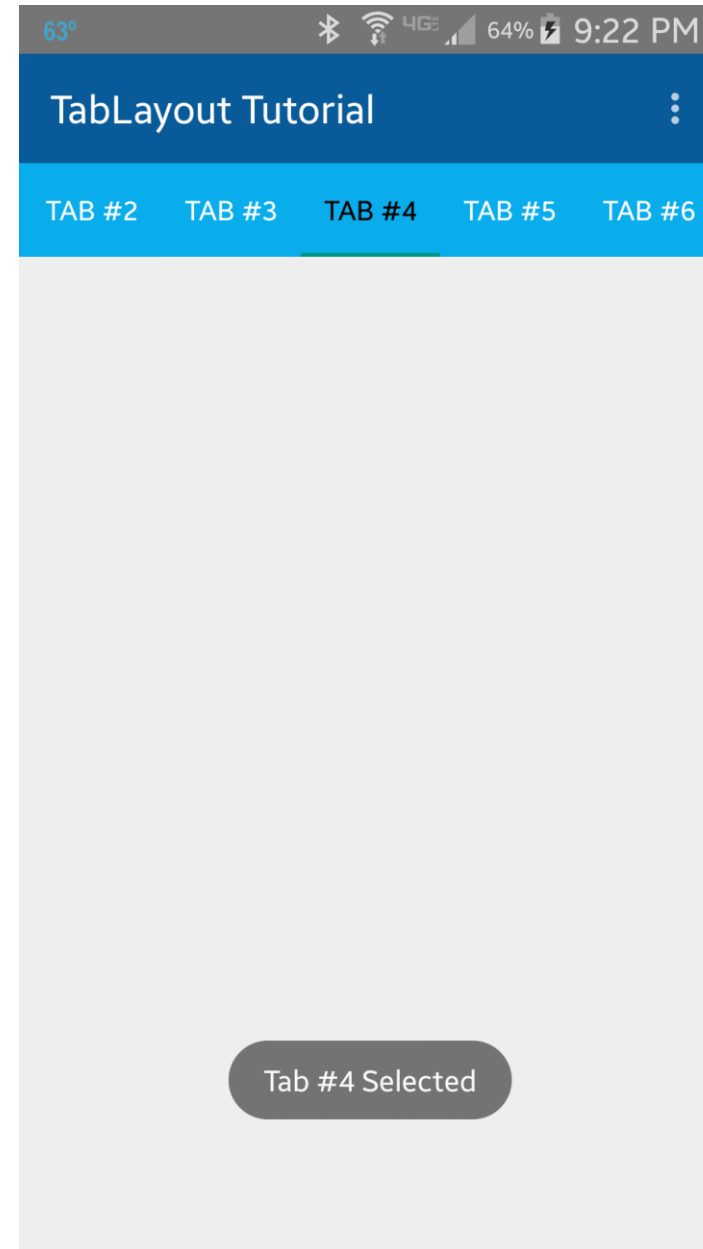
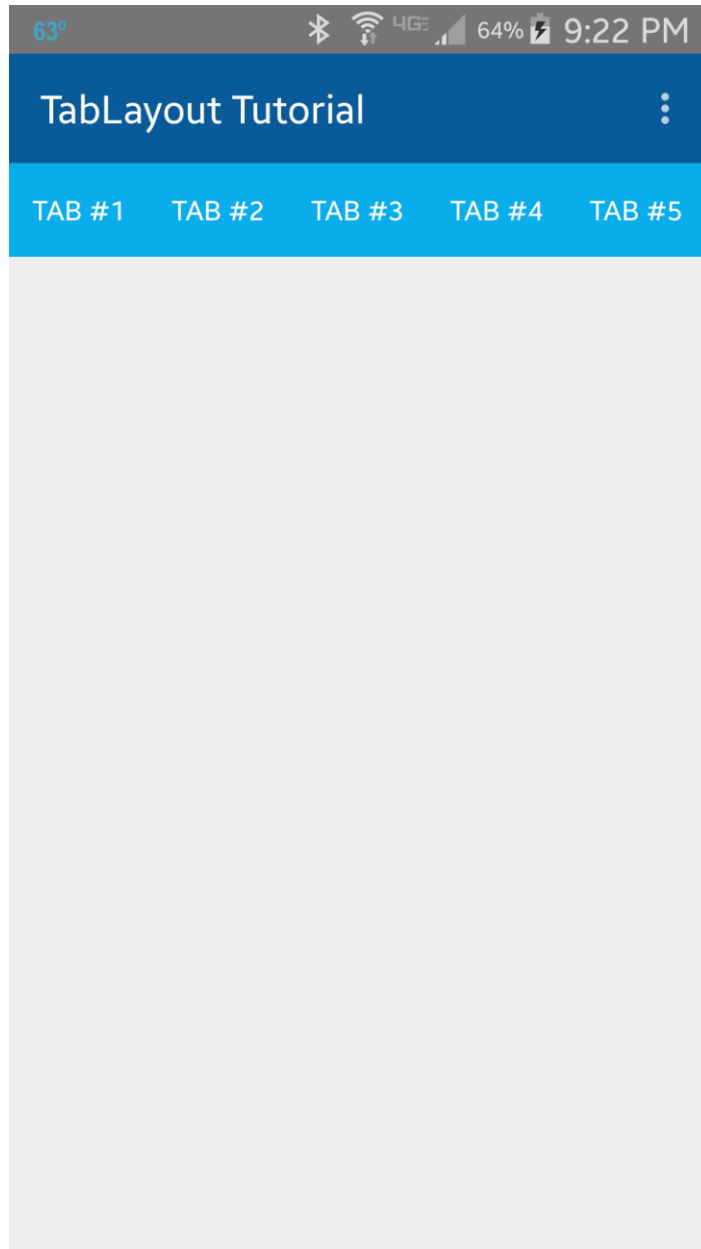
Android - TabLayout

- TabLayout is a way to switch between important views.
- TabLayout bar is a collection TabLayout.Tab instances.
 - Creating a tab is done with the `newTab()` function.
 - After a tab is created its text and icon can be set.
- To have a scrolling TabLayout, `TabLayout.MODE_SCROLLABLE` can be passed to `setTabMode`
- In order to detect tab selections, a `TabLayout.OnTabSelectedListener` must be attached to the TabLayout bar.

Android - TabLayout

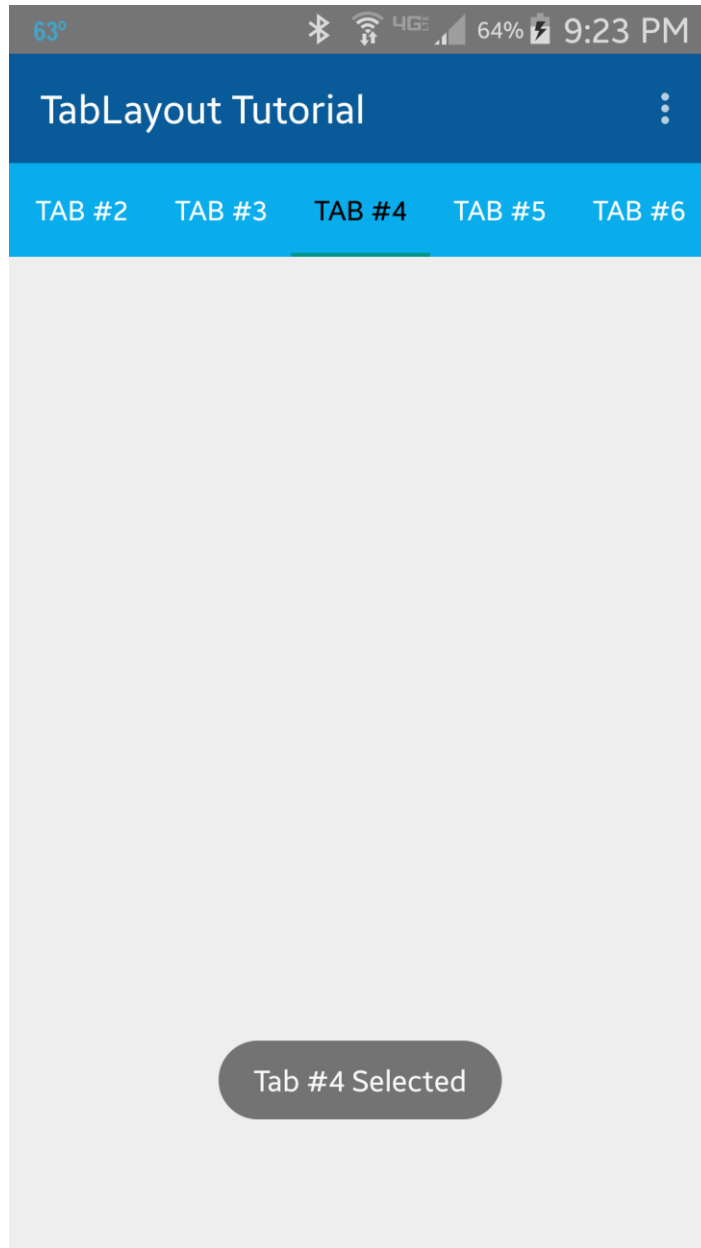
- When implementing `TabLayout.OnTabSelectedListener` three functions will be overridden.
 - `onTabSelected`
 - `OnTabReselected`
 - `OnTabUnSelected`
- Care should be taken when implementing `onTabSelected` and `onTabUnSelected`. Both these functions are called when changing tabs.
- This is demonstrated via `Log.d` function calls. Application tag is `TabLayout`.
- When a Tab is selected a Toast is shown displaying which Tab is selected.

Initial
TabLayout
showing 5 of
the 8 tabs.

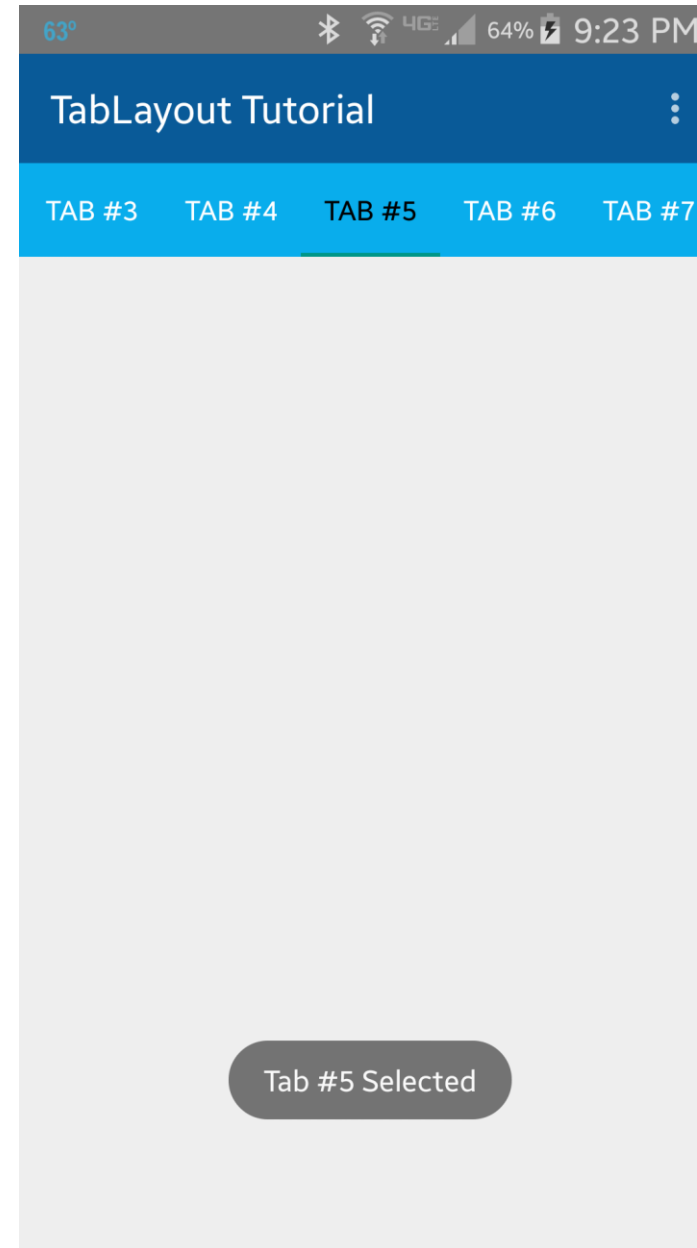


When selecting tab
4, a Toast is shown
recognizing the tab
selection.

When selecting tab #4, when tabs 1-5 are shown, the tab bar is auto-scrolled one tab,



When selecting tab #5, when tabs 1-5 are shown, the tab bar is auto-scrolled two tabs.



References

- [TabLayout](#)
- [Toolbar](#)
- [TabLayout.OnTabSelectedListener](#)

Exercise