Android Development – Day 2 Notes

1. TextView

1. TextView is used to display text on the screen.
2. android:text → Sets the text.
3. android:textSize → Defines size (use sp).
4. android:textColor → Changes text color.
5. android:textStyle → bold / italic.
6. android:gravity → Aligns text inside the TextView.

2. Button

1. Button is used to perform an action when clicked.
2. android:text → Button label.
3. android:backgroundTint → Button background color.
4. android:textColor → Button text color.
5. android:id → Used to access button in Kotlin.

3. Click Handling Methods

1. XML onClick → Define method name in XML and implement it in Activity.
2. Kotlin setOnClickListener → Recommended and widely used.
3. findViewById() → Connects XML view with Kotlin code.

4. Toast

1. Toast is a small popup message.
2. Toast.makeText() → Creates the message.
3. this → Current screen (context).
4. Toast.LENGTH_SHORT / LENGTH_LONG → Duration.
5. show() → Displays the Toast.

5. Workflow of Button Click

1. User clicks button.
2. Click listener is triggered.
3. Code inside listener executes.
4. Toast or any action is performed.

Goal of Day 2:

Understand TextView, Button styling, click handling, and Toast message display.