**Jetpack Compose, Basic UI components include Text, Button, Column, Row, LazyColumn, and LazyRow**

In Jetpack Compose, the basic UI components include Text, Button, Column, Row, LazyColumn, and LazyRow. Here’s a breakdown of each:

**1. Text**

* Displays text on the screen.
* It’s one of the most basic and frequently used components in any UI.

@Composable

fun MyText() {

Text(text = "Hello, Jetpack Compose!")

}

**2. Button**

* A clickable component that performs an action when pressed.
* You can customize its appearance and behavior.

@Composable

fun MyButton(onClick: () -> Unit) {

Button(onClick = onClick) {

Text(text = "Click Me")

}

}

**3. Column**

* A layout that arranges its children vertically, one below the other.
* Often used when you need a vertical stack of items.

kotlin

fun MyColumn() {

Column(modifier = Modifier.padding(16.dp)) {

Text(text = "Item 1")

Text(text = "Item 2")

Button(onClick = { }) {

Text(text = "Button")

}

}

}

**4. Row**

* A layout that arranges its children horizontally, side by side.
* Useful when you need to place items next to each other.

@Composable

fun MyRow() {

Row(modifier = Modifier.padding(16.dp)) {

Text(text = "Item 1")

Spacer(modifier = Modifier.width(8.dp))

Text(text = "Item 2")

}

}

**5. LazyColumn**

* A vertically scrollable list that only renders visible items.
* Efficient when working with large datasets or lists.

@Composable

fun MyLazyColumn() {

LazyColumn(modifier = Modifier.fillMaxSize()) {

items(100) { index ->

Text(text = "Item #$index", modifier = Modifier.padding(8.dp))

}

}

}

**6. LazyRow**

* A horizontally scrollable list, like LazyColumn but arranged horizontally.
* Useful for things like carousels, horizontal lists, etc.

@Composable

fun MyLazyRow() {

LazyRow(modifier = Modifier.fillMaxWidth()) {

items(100) { index ->

Text(text = "Item #$index", modifier = Modifier.padding(8.dp))

}

}

}

**Summary**

* **Text**: Displays text.
* **Button**: Clickable element that performs an action.
* **Column**: Vertical stack of UI elements.
* **Row**: Horizontal stack of UI elements.
* **LazyColumn**: Efficient vertical scrollable list.
* **LazyRow**: Efficient horizontal scrollable list.

Each of these components forms the basic building blocks of a UI in Jetpack Compose, and they can be combined to create more complex UIs.