<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:orientation="vertical"

android:padding="16dp">

<TextView

android:id="@+id/startDateText"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Select Start Date"

android:textSize="18sp"

android:padding="8dp" />

<TextView

android:id="@+id/endDateText"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="End Date will be shown here"

android:textSize="18sp"

android:padding="8dp"

android:layout\_marginTop="20dp" />

</LinearLayout>

class DatePickerActivity : AppCompatActivity() {

private lateinit var startDateText: TextView

private lateinit var endDateText: TextView

override fun onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

setContentView(R.layout.activity\_date\_picker)

startDateText = findViewById(R.id.startDateText)

endDateText = findViewById(R.id.endDateText)

startDateText.setOnClickListener {

openStartDatePicker()

}

}

private fun openStartDatePicker() {

val calendar = Calendar.getInstance()

val year = calendar.get(Calendar.YEAR)

val month = calendar.get(Calendar.MONTH)

val day = calendar.get(Calendar.DAY\_OF\_MONTH)

val datePickerDialog = DatePickerDialog(this, { \_, selectedYear, selectedMonth, selectedDay ->

val selectedStartDate = Calendar.getInstance()

selectedStartDate.set(selectedYear, selectedMonth, selectedDay)

// Display start date

startDateText.text = "Start Date: ${selectedDay}/${selectedMonth + 1}/$selectedYear"

// Calculate end date (29 days before start date)

val endDate = Calendar.getInstance()

endDate.time = selectedStartDate.time

endDate.add(Calendar.DAY\_OF\_MONTH, -29)

// Display end date

val endDay = endDate.get(Calendar.DAY\_OF\_MONTH)

val endMonth = endDate.get(Calendar.MONTH) + 1

val endYear = endDate.get(Calendar.YEAR)

endDateText.text = "End Date: $endDay/$endMonth/$endYear"

}, year, month, day)

datePickerDialog.show()

}

}