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<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:padding="16dp"
    android:background="#F5F5F5">

    <!-- Heading -->
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Select Faculty and Weekday"
        android:textSize="18sp"
        android:textStyle="bold"
        android:layout_marginBottom="8dp"
        android:paddingTop="10dp"/>

    <!-- Faculty Dropdown -->
    <Spinner
        android:id="@+id/spinnerFaculty"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@android:drawable/btn_dropdown"
        android:padding="8dp"
        android:layout_marginBottom="10dp"/>

    <!-- Weekday Dropdown -->
    <Spinner
        android:id="@+id/spinnerWeekday"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:background="@android:drawable/btn_dropdown"
        android:padding="8dp"
        android:layout_marginBottom="16dp"/>

    <!-- Schedule Display -->
    <TextView
        android:id="@+id/txtSchedule"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:textSize="16sp"
        android:textColor="#333"
        android:gravity="center"
        android:padding="12dp"
        android:layout_marginTop="10dp"
        android:textStyle="bold"/>
</LinearLayout>

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JAVA:

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package com.example.itable;

import android.os.Bundle;
import android.text.Spannable;
import android.text.SpannableString;
import android.text.style.RelativeSizeSpan;
import android.text.style.StyleSpan;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.Adapter;
import android.widget.ArrayAdapter;
import android.widget.Spinner;
import android.widget.TextView;
import androidx.appcompat.app.AppCompatActivity;
import android.graphics.Typeface;
import java.util.ArrayList;
import java.util.List;
import java.util.Objects;

import android.annotation.SuppressLint;

public class MainActivity extends AppCompatActivity {

    private Spinner spinnerFaculty, spinnerWeekday;
    private TextView txtSchedule;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        spinnerFaculty = findViewById(R.id.spinnerFaculty);
        spinnerWeekday = findViewById(R.id.spinnerWeekday);
        txtSchedule = findViewById(R.id.txtSchedule);

        List<String> facultyNames = new ArrayList<>();
        facultyNames.add("Select Faculty");
        facultyNames.add("Dr.K. Praveen Kumar");
        facultyNames.add("Dr.R.S. Padma Priya");
        facultyNames.add("Radha Madhavi");

        ArrayAdapter<String> facultyAdapter = new ArrayAdapter<>(this,
        android.R.layout.simple_spinner_dropdown_item, facultyNames);
        spinnerFaculty.setAdapter(facultyAdapter);

        List<String> weekdays = new ArrayList<>();
        weekdays.add("Select Weekday");
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        weekdays.add("Monday");
        weekdays.add("Tuesday");
        weekdays.add("Wednesday");
        weekdays.add("Thursday");
        weekdays.add("Friday");
        weekdays.add("Saturday");

        ArrayAdapter<String> weekdayAdapter = new ArrayAdapter<>(this,
        android.R.layout.simple_spinner_dropdown_item, weekdays);
        spinnerWeekday.setAdapter(weekdayAdapter);

        AdapterView.OnItemSelectedListener selectionListener = new
        AdapterView.OnItemSelectedListener() {
            @Override
            public void onItemSelected(AdapterView<?> parent, View view, int position, long id) {
                updateSchedule();
            }

            @Override
            public void onNothingSelected(AdapterView<?> parent) {}
        };

        spinnerFaculty.setOnItemSelectedListener(selectionListener);
        spinnerWeekday.setOnItemSelectedListener(selectionListener);
    }

    @SuppressWarnings("SetTextI18n")
    private void updateSchedule() {
        String selectedFaculty = spinnerFaculty.getSelectedItem().toString();
        String selectedWeekday = spinnerWeekday.getSelectedItem().toString();

        if (selectedFaculty.equals("Select Faculty") || selectedWeekday.equals("Select Weekday")) {
            txtSchedule.setText("Please select a faculty and a weekday.");
            return;
        }

        SpannableString formattedText = null;
        if (selectedFaculty.equals("Radha Madhavi")) {
            switch (selectedWeekday) {
                case "Monday":
                    formattedText = formatSchedule(new String[][]{
                        {"3rd Year Section B-ATF-03", "2nd Period\n9:10 - 10:05"},
                        {"3rd Year Section A-ATF-15", "3rd Period\n10:20 - 11:15"}
                    });
                    break;
                case "Tuesday":
                    formattedText = formatSchedule(new String[][]{
                        {"3rd Year Section A-ATF-15", "1st Period\n8:15 - 9:10"},

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        {"3rd Year Section B-NP-LAB", "3,4,5 Periods\n10:20 - 1:05"}
    });
    break;
case "Wednesday":
    formattedText = formatSchedule(new String[][]{
        {"3rd Year Section A-ATF-15", "4th Period\n11:15 - 12:10"}
    });
    break;
case "Friday":
    formattedText = formatSchedule(new String[][]{
        {"3rd Year Section B-ATF-03", "1st Period\n8:15 - 9:10"},
        {"3rd Year Section A-NP-LAB", "4,5 Periods-NP-LAB\n11:15 - 1:05"}
    });
    break;
case "Saturday":
    formattedText = formatSchedule(new String[][]{
        {"3rd Year Section B-ATF-03", "2nd Period\n9:10 - 10:05"}
    });
    break;
}
}
if (selectedFaculty.equals("Dr.K. Praveen Kumar")) {
    switch (selectedWeekday) {
        case "Monday":
            formattedText = formatSchedule(new String[][]{
                {"3rd Year Section B-ATF-03", "1st Period\n8:15 - 9:10"},
                {"3rd Year Section B-DAA-LAB", "3,4,5 Periods\n10:20 - 1:05"}
            });
            break;
        case "Tuesday":
            formattedText = formatSchedule(new String[][]{
                {"3rd Year Section A-ATF-15", "2nd Period\n9:10 - 10:05"}
            });
            break;
        case "Wednesday":
            formattedText = formatSchedule(new String[][]{
                {"3rd Year Section A-DA-LAB", "6,7 Periods\n2:00 - 3:50"}
            });
            break;
        case "Thursday":
            formattedText = formatSchedule(new String[][]{
                {"3rd Year Section B-ATF-03", "3rd Period\n10:20 - 11:15"},
                {"3rd Year Section A-ATF-15", "5th Period\n12:10 - 1:05"}
            });
            break;
        case "Friday":
            formattedText = formatSchedule(new String[][]{
                {"3rd Year Section B-ATF-03", "2nd Period\n9:10 - 10:05"},

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        {"3rd Year Section A-ATF-15-IDP", "6,7 Periods\n2:00 - 3:50"}
    });
    break;
case "Saturday":
    formattedText = formatSchedule(new String[][]{
        {"3rd Year Section B-ATF-03-Coding", "3,4,5-Periods\n10:20 - 1:05"},
        {"3rd Year Section A-ATF-15-Coding", "3,4,5-Periods\n10:20 - 1:05"}
    });
    break;
}
}
txtSchedule.setText(Objects.requireNonNullElse(formattedText, "No schedule available."));
}

private SpannableString formatSchedule(String[][] schedule) {
    StringBuilder fullText = new StringBuilder();
    List<int[]> titleIndices = new ArrayList<>();

    for (String[] entry : schedule) {
        int titleStart = fullText.length();
        fullText.append(entry[0]).append("\n");
        int titleEnd = fullText.length();
        fullText.append(entry[1]).append("\n\n");
        titleIndices.add(new int[]{titleStart, titleEnd});
    }

    SpannableString formattedText = new SpannableString(fullText.toString());

    for (int[] indices : titleIndices) {
        formattedText.setSpan(new StyleSpan(Typeface.BOLD), indices[0], indices[1],
Spannable.SPAN_EXCLUSIVE_EXCLUSIVE);
        formattedText.setSpan(new RelativeSizeSpan(1.5f), indices[0], indices[1],
Spannable.SPAN_EXCLUSIVE_EXCLUSIVE);
    }

    return formattedText;
}
}

```

Output:

## Select Faculty and Weekday

Select Faculty



Select Weekday



**Please select a faculty and a weekday.**

## Select Faculty and Weekday

Select Faculty

Dr.K. Praveen Kumar

Dr.R.S. Padma Priya

Radha Madhavi

Please select a faculty and a weekday.



## Select Faculty and Weekday

Radha Madhavi

Tuesday

### 3rd Year Section A-ATF-15

1st Period

8:15 - 9:10

### 3rd Year Section B-NP-LAB

3,4,5 Periods

10:20 - 1:05



