



Program No:	15
Roll No :	1545
Title of Program :	Intent - 2
Objective :	

**Source Code:**

**activity\_main.xml**

```
< ? xml version = "1.0"
encoding = "utf-8" ? >
<
  LinearLayout xmlns : android = "http://schemas.android.com/apk/res/android"
xmlns: app = "http://schemas.android.com/apk/res-auto"
xmlns: tools = "http://schemas.android.com/tools"
android: id = "@+id/main"
android: layout_width = "match_parent"
android: layout_height = "match_parent"
android: orientation = "vertical"
android: padding = "16dp"
tools: context = ".MainActivity" >
  <
    TextView
    android: layout_width = "wrap_content"
    android: layout_height = "wrap_content"
    android: text = "LIST OF BOOKS"
    android: textStyle = "bold"
    android: textSize = "20sp"
    android: layout_marginBottom = "10dp" / >
  <
    CheckBox
    android: id = "@+id/cbMath"
    android: layout_width = "wrap_content"
    android: layout_height = "wrap_content"
    " android:text="
    Mathematics " /> <
    CheckBox
    android: id = "@+id/cbEnglish"
```

```
android:layout_width = "wrap_content"
android:layout_height = "wrap_content"
" android:text="
English " /> <
    CheckBox
android: id = "@+id/cbScience"
android:layout_width = "wrap_content"
android:layout_height = "wrap_content"
" android:text="
Science " /> <
    CheckBox
android: id = "@+id/cbHindi"
android:layout_width = "wrap_content"
android:layout_height = "wrap_content"
" android:text="
Hindi " /> <
    Button
android: id = "@+id/btnSubmit"
android:layout_width = "wrap_content"
android:layout_height = "wrap_content"
android:layout_marginTop = "20dp"
android: text = "SUBMIT" / >
<
/LinearLayout>
```

### MainActivity.java

```
package com.example.intentapplication;
import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import androidx.appcompat.app.AppCompatActivity;
public class MainActivity extends AppCompatActivity {
    Button explicit_btn, implicit_btn;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
```

```
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);
explicit_btn = findViewById(R.id.explicit_Intent);
implicit_btn = findViewById(R.id.implicit_Intent);
explicit_btn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(MainActivity.this, MainActivity2.class);
        startActivity(intent);
    }
});
implicit_btn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        Intent intent = new Intent(Intent.ACTION_VIEW,
Uri.parse("https://www.abhiandroid.com"));
        startActivity(intent);
    }
});
}
```

**Create another empty view activity in the same package**

**activity\_main2.xml**

```
< ? xml version = "1.0"
encoding = "utf-8" ? >
<
    LinearLayout xmlns : android = "http://schemas.android.com/apk/res/android"
xmlns: app = "http://schemas.android.com/apk/res-auto"
xmlns: tools = "http://schemas.android.com/tools"
android: id = "@+id/main"
android: layout_width = "match_parent"
android: layout_height = "match_parent"
tools: context = ".MainActivity2"
android: orientation = "vertical" >
<
    TextView
```

```
android: id = "@+id/tvOrders"
android: layout_width = "wrap_content"
android: layout_height = "wrap_content"
android: text = "Your orders are"
android: textSize = "20sp"
android: textStyle = "bold"
android: layout_marginBottom = "10dp" / >
<
    TextView
android: id = "@+id/tvSelectedBooks"
android: layout_width = "wrap_content"
android: layout_height = "wrap_content"
android: textSize = "16sp"
android: layout_marginBottom = "20dp" / >
<
    LinearLayout
android: orientation = "horizontal"
android: layout_width = "wrap_content"
android: layout_height = "wrap_content"
android: gravity = "center_vertical" >
<
    TextView
android: layout_width = "wrap_content"
android: layout_height = "wrap_content"
android: text = "Home Delivery?"
android: textColor = "#FF0000"
android: textStyle = "bold"
android: layout_marginEnd = "10dp" / >
<
    Switch
android: id = "@+id/toggleDelivery"
android: layout_width = "wrap_content"
android: layout_height = "wrap_content"
android: text = "Delivery"
tools: ignore = "TouchTargetSizeCheck" / >
<
/LinearLayout> <
    TextView
android: id = "@+id/tvDeliveryNote"
```

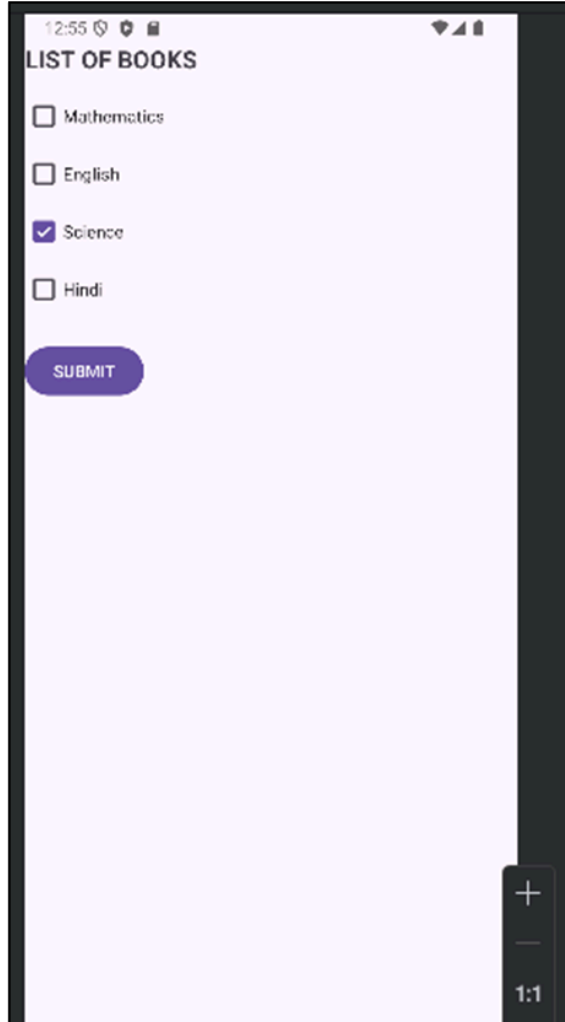
```
android:layout_width = "wrap_content"
android:layout_height = "wrap_content"
android:text = "The books will be delivered to the registered address"
android:textSize = "14sp"
android:background = "@android:color/darker_gray"
android:padding = "10dp"
android:visibility = "gone"
android:layout_marginTop = "20dp" / >
<
/LinearLayout>
```

### MainActivity2.java

```
package com.example.intent2checkboxapplication;
import android.os.Bundle;
import android.view.View;
import android.widget.Switch;
import android.widget.TextView;
import android.widget.ToggleButton;
import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;
public class MainActivity2 extends AppCompatActivity {
    private TextView tvSelectedBooks, tvDeliveryNote;
    private Switch toggleDelivery;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        EdgeToEdge.enable(this);
        setContentView(R.layout.activity_main2);
        // Set system bar padding if needed
        ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main), (v,
insets) -> {
            Insets systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars());
            v.setPadding(systemBars.left, systemBars.top, systemBars.right,
systemBars.bottom);
```

```
        return insets;
    });
    // Initialize views
    tvSelectedBooks = findViewById(R.id.tvSelectedBooks);
    toggleDelivery = findViewById(R.id.toggleDelivery);
    tvDeliveryNote = findViewById(R.id.tvDeliveryNote);
    // Get selected books from Intent extras
    String selectedBooks = getIntent().getStringExtra("selectedBooks");
    if (selectedBooks != null && !selectedBooks.isEmpty()) {
        tvSelectedBooks.setText(selectedBooks.trim());
    } else {
        tvSelectedBooks.setText("No books selected.");
    }
    // ToggleButton behavior
    toggleDelivery.setOnCheckedChangeListener((buttonView, isChecked) -> {
        if (isChecked) {
            tvDeliveryNote.setVisibility(View.VISIBLE);
        } else {
            tvDeliveryNote.setVisibility(View.GONE);
        }
    });
}
```

## Output:



12:55

LIST OF BOOKS

- ☐ Mathematics
- ☐ English
- ☒ Science
- ☐ Hindi

SUBMIT

+

1:1



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