



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"
```



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```
    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
```



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```
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),
        insets) -> {
            Insets systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars());
            v.setPadding(systemBars.left, systemBars.top, systemBars.right,
            systemBars.bottom);
```



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```
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);
    }
});
}
```



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Output:

12:55 12:55

LIST OF BOOKS

Mathematics

English

Science

Hindi

SUBMIT

+

-

1:1



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