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subject - Application development

paper code -

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Q-1 - A ctivity main 1

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<RelativeLayout 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:layout_width="match-parent"
```

```
    android:layout_height="match-parent"
```

```
    tools:context="Main Activity">
```

```
<Button
```

```
    android:id="@+id/b1"
```

```
    android:layout_width="wrap-content"
```

```
    android:layout_height="wrap-content"
```

```
    android:gravity="center"
```

```
    android:layout_centerHorizontal="true"
```

```
    android:layout_centerVertical="true"
```

```
    android:text="Next Activity"/>
```

```
</RelativeLayout>
```

Main Activity

package com.example.explicit-intent

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```

import androidx.appcompat.app.AppCompatActivity
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
public class MainActivity extends AppCompatActivity {
    Button btn1;

```

⑥ override

```

protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    btn1 = findViewById(R.id.btn1);
    btn1.setOnClickListener(new View.OnClickListener() {
        @Override

```

```

        public void onClick(View view) {
            Intent in = new

```

```

            Intent (getApplicationContext().getPackageManager().getPackageInfo(MainActivity.class));
            startActivity(in);
        }
    }
}

```

Activity main 2

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:layout_height="match-parent"

```

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```
tools:context = ". Activity2">
<TextView
    android:layout_width = "wrap-content"
    android:layout_height = "wrap-content"
    android:textSize = "50dp"
    android:textColor = "@color/purple_500"
    android:padding = "50dp"
    android:textStyle = "bold"
    android:gravity = "center"/>
```

</RelativeLayout>

Main Activity2.

```
package com.example.explicit-intent;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
```

```
public class Activity2 extends AppCompatActivity
@ override
```

```
protected void onCreate(Bundle savedInstanceState){
```

```
super.onCreate(savedInstanceState);
```

```
setContentView(R.layout.activity_2);
```

```
}
```

```
}
```

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XML code

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:orientation="vertical"
    android:layout_height="match_parent"
    tools:context="MainActivity">
```

<EditText

```
    android:id="@+id/box"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="50dp"
    android:gravity="center"
    android:inputType="textUri"
    android:minHeight="40dp"
    android:text="@string/box1"/>
```

<Button

```
    android:id="@+id/btn"
    android:layout_height="wrap_parent"
    android:layout_marginLeft="100dp"
    android:layout_marginRight="100dp"
    android:text="@string/btn"
    android:textAlignment="center"/>
```

</LinearLayout>

java code.

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```

package com.ex.implicitintent;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.net.Uri;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

```

```

public class MainActivity extends AppCompatActivity {

```

```

    EditText box;

```

```

    Button btn;

```

```

    @Override

```

```

        protected void onCreate(Bundle savedInstanceState) {
            super.onCreate(savedInstanceState);

```

```

            setContentView(R.layout.activity_main);

```

```

            box = findViewById(R.id.box);

```

```

            btn = findViewById(R.id.btn);

```

```

            btn.setOnClickListener(new View.OnClickListener() {

```

```

                @Override

```

```

                public void onClick(View view) {

```

```

                    String val = box.getText().toString();

```

```

                    Uri uri = Uri.parse(val);

```

```

                    Intent intent = new Intent(Intent.ACTION_VIEW, uri);

```

```

                }

```

```

            }

```

```

        }

```

```

    }

```

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