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Course- BCA 5A

Android Application Protical

Gaurav

(1)

Package com < Relative layout

tools context="Main Activity">

<Text view

android:layout_width="match_parent"

android:layout_height="wrap_content"

android:text="Hello, This is First Activity"

android:gravity="center"

android:layout_marginTop="90dp"

android:textSize="40dp"

android:textColor="@color/teal-200"

android:textStyle="bold"

android:id="@+id/tv-1"/>

<Button

android:layout_width="wrap_content"

android:layout_height="wrap_content"

android:layout_below="@+id/tv-1"

android:layout_marginTop="80dp"

android:id="@+id/btn-1"

android:layout_centerHorizontal="true"

android:text="Click Here for Activity Second"/>

<RelativeLayout>

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(2)

Java Code:

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

```
android.content.Intent; import  
android.os.Bundle; import  
android.view.View; import  
android.widget.Button;
```

```
import android.widget.TextView;  
public class MainActivity extends  
AppCompatActivity {  
    TextView tv;  
    Button btn; @Override
```

```
protected void onCreate(Bundle  
saveInstanceState) {  
    super.onCreate(  
        saveInstanceState);
```

```
    setContentView(R.layout.activity_main);  
    tv = findViewById(R.id.tv1);
```

```
    btn = findViewById(R.id.btn1);
```

```
    btn.setOnClickListener(  
        new View.OnClickListener() {
```

```
        @Override
```

```
        public void onClick(View v) {
```

```
            Intent i = new
```

```
            Intent(getApplicationContext().getActivity()  
                .getClass());
```

```
            startActivity(i);  
        }  
    }  
}
```

```
}
```

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③

MAIN Activity - 2 code

```
tools: context=". Activity2">
```

```
< Text view
```

```
android:layout_width="match_parent"
```

```
android:layout_height="wrap_content"
```

```
android:text="Hello! This is Second Activity"
```

```
android:textSize="40dp"
```

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

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

```
@color/white-200"/>
```

```
</RelativeLayout>
```

IMPLICIT INTENT

```
layout_width="match_parent"
```

```
layout_height="match_parent"
```

```
tools: context=". MainActivity">
```

```
< Edit Text
```

```
layout_width="match_parent"
```

```
layout_height="wrap_content"
```

```
id="@+id/et_1"
```

```
inputType="text"
```

```
padding="30dp"
```

```
marginTop="30dp"/>
```

```
< Button
```

```
android:layout_width="wrap_content"
```

```
height="wrap_content" android:text="Click here" android:id="@+id/btn_1"
```

```
textSize="30dp"
```

```
android:background="@color/white-700"
```

```
layout_below="@+id/et_1" gaurav
```


(4).

marginLeft = "80 dp"
android:layout_marginTop = "40 dp">

JAVACODE

```
package com.example.implicit_intent;
import
    android.support.app.AppCompatActivity;
import android.content.Intent;
import android.net.Uri;
import
    android.os.Bundle;
import
    android.view.View;
import
    widget.Button;
    widget.EditText;
public class MainActivity extends
    AppCompatActivity {
    EditText et;
    Button btn;
    @Override
    protected void onCreate(Bundle
        savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        et = findViewById(R.id.et);
        btn = findViewById(R.id.btn);
        btn.setOnClickListener(new
            View.OnClickListener() {
                @Override
                public void
                    onClick(View v) {
                        String s = et.getText().toString();
                        Intent i = new Intent(Intent.ACTION_VIEW,
                            Uri.parse(s));
                        startActivity(i);
                    }
            }
        );
    }
}
```