

MOBILE APPLICATION DEVELOPMENT

CYCLE 2

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1.Create 2 activity from the first activity on a button click move to the second activity.

Program

xml

activity_main.xml

```
LinearLayout android:layout_width="match_parent"
android:layout_height="match_parent"
    android:orientation="vertical"
    android:gravity="center"
    xmlns:android="http://schemas.android.com/apk/res/android">
    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="MOVE TO NEXT ACTIVITY"
        android:id="@+id/bt"
        android:onClick="click"
        android:gravity="center"/>
</LinearLayout>
```

activity_main2.xml

```
<LinearLayout android:layout_width="match_parent"
android:layout_height="match_parent"

    android:orientation="vertical"
    android:gravity="center"
    android:background="@android:color/holo_blue_light"
    xmlns:android="http://schemas.android.com/apk/res/android">
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="WELCOME TO THE SECOND ACTIVITY"
        android:id="@+id/tv" />
</LinearLayout>
```

Java

mainActivity.java

```
package com.example.sjcet.que12activ;
```

```
import android.content.Intent;
```

```
import android.widget.Button;
```

```
import android.view.View;
```

```
import android.support.v7.app.AppCompatActivity;
```

```

import android.os.Bundle;
public class MainActivity extends AppCompatActivity {
    Button bt;
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        bt=findViewById(R.id.bt);
    }
    public void click(View view) {
        OpenNewActivity();
    }
    public void OpenNewActivity()
    {
        Intent intent=new Intent(this, Main2Activity.class);
        startActivity(intent);
    }
}

```

mainActivity2.java

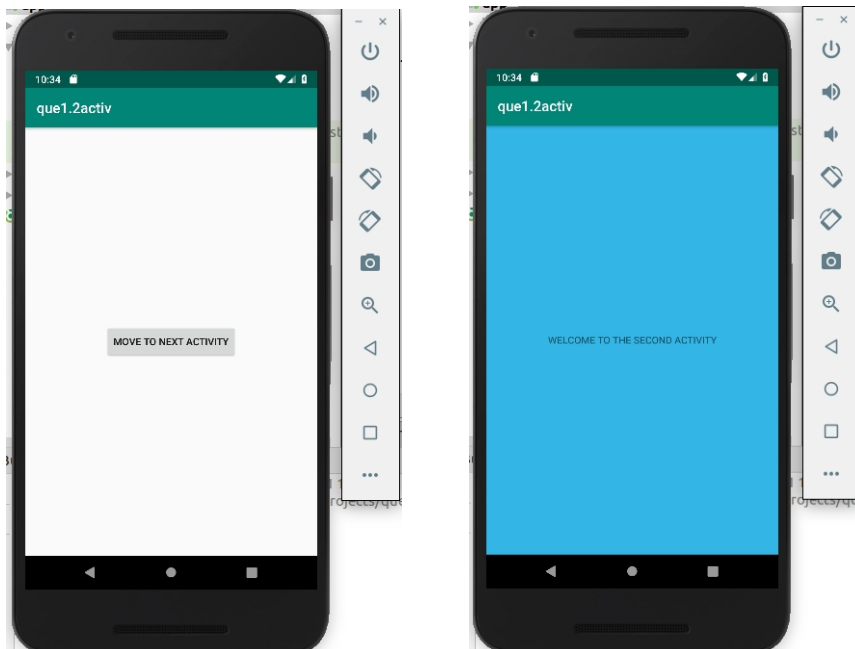
```

package com.example.sjcet.que12activ;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
public class Main2Activity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
    }
}

```

Output



2.create an activity and move to fb loginpage on button click

Program

XML

```
<LinearLayout android:layout_width="match_parent"
android:layout_height="match_parent"
    android:orientation="vertical"
    android:gravity="center"
    xmlns:android="http://schemas.android.com/apk/res/android">
<Button
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="MOVE TO FB PAGE"
    android:id="@+id/bt"
    android:onClick="click"
    android:gravity="center"/>
</LinearLayout>
```

Java

```
package com.example.sjcet.facebook;

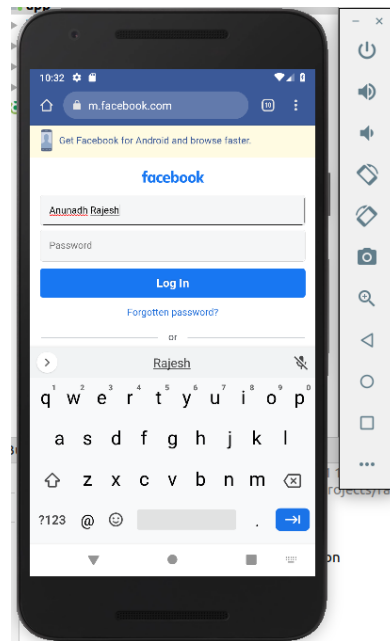
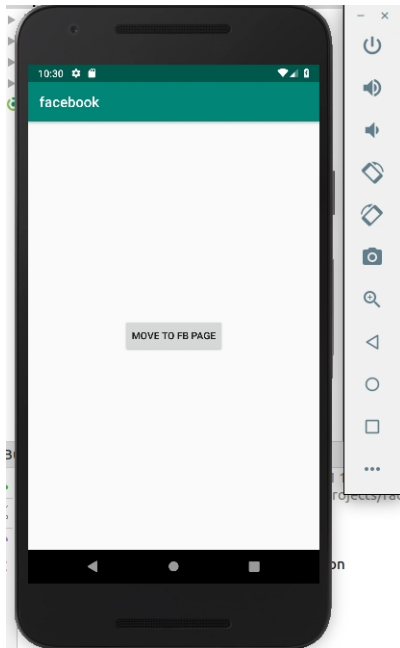
import android.content.Intent;
import android.net.Uri;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        Button btn_Explicit = (Button)findViewById(R.id.bt);
        btn_Explicit.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {

                Intent intent = new
                Intent(Intent.ACTION_VIEW,Uri.parse("https://www.facebook.com/"));
                startActivity(intent);
            }
        });
    }
}
```

```
}
}
```

OUTPUT



3. Read message in first activity and pass it to the second activity to the button click

Program

xml

activity_main.xml

```
<LinearLayout android:layout_width="match_parent"
android:layout_height="match_parent"
    android:orientation="vertical"
    xmlns:android="http://schemas.android.com/apk/res/android">
    <EditText
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/et"
        android:textColor="@android:color/holo_red_dark"/>
    <Button
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="MOVE TO NEXT ACTIVITY"
        android:id="@+id/bt"
        android:onClick="click"
    />
</LinearLayout>
```

activity_main2.xml

```
<LinearLayout android:layout_width="match_parent"
android:layout_height="match_parent"

    android:orientation="vertical"
    android:gravity="center"
    xmlns:android="http://schemas.android.com/apk/res/android">

    <TextView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/tv"
    />

</LinearLayout>
```

Java

mainActivity.java

```
package com.example.sjcet.readpassmsg;

import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
public class MainActivity extends AppCompatActivity {
    Button bt;
    EditText et;
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        bt=findViewById(R.id.bt);
        et=findViewById(R.id.et);
    }
    public void onClick(View v) {
        String str = et.getText().toString();
        Intent intent = new Intent(getApplicationContext(), Main2Activity.class);
        intent.putExtra("message_key", str);
        startActivity(intent);
    }
}
```

mainActivity2.java

```
package com.example.sjcet.readpassmsg;
```

```

import android.widget.TextView;
import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
public class Main2Activity extends AppCompatActivity {
    TextView tv;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main2);
        tv=findViewById(R.id.tv);
        Intent intent = getIntent();
        String str = intent.getStringExtra("message_key");
        tv.setText(str);
    }
}

```

OUTPUT

