Practical No 17
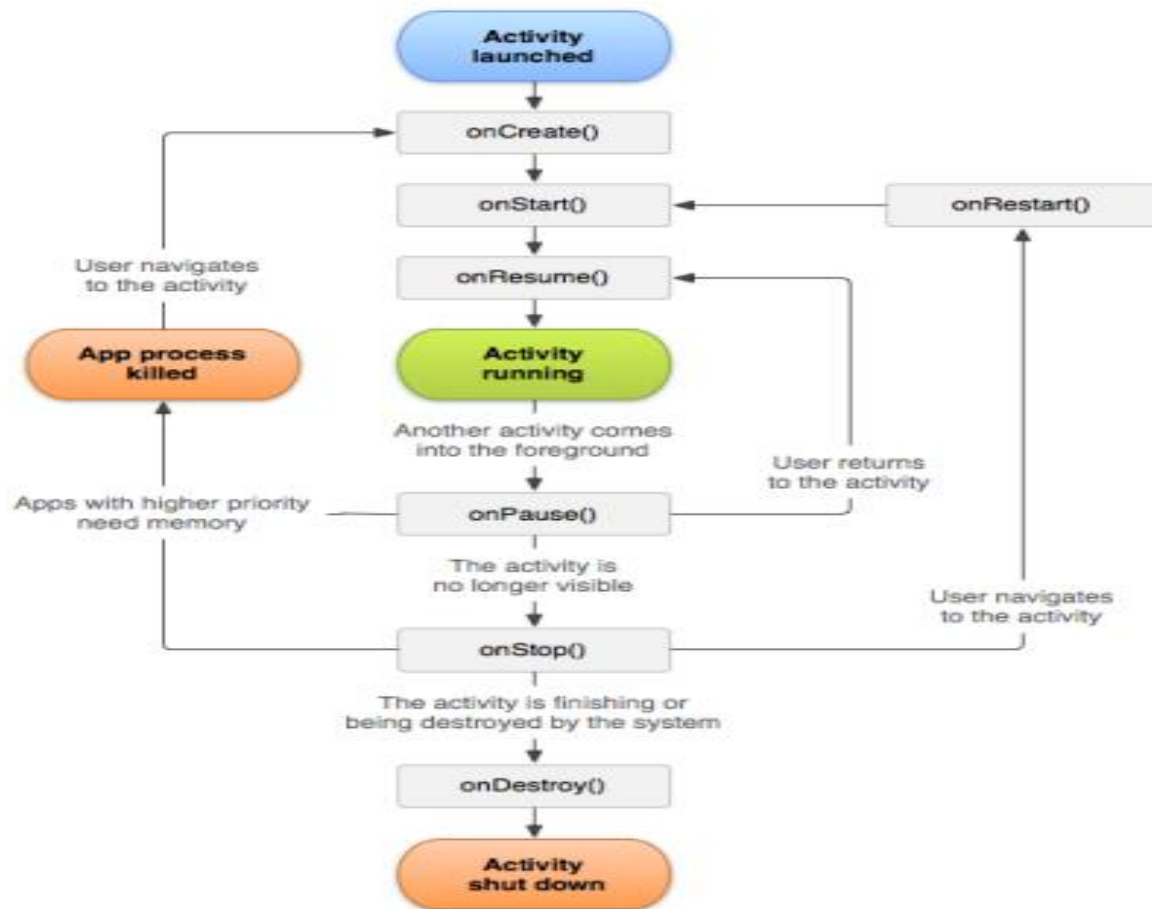

X.1

- **Program**
- **XML File:**

```xml
<?xml version= "1.0" encoding= "utf-8" ?>
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
 xmlns:tools="http://schemas.android.com/tools"
 android:layout_width="match_parent"
 android:layout_height="match_parent"
 android:paddingTop="80dp"
 tools:context=".MainActivity">
<TextView
```

```
        android:layout_width="wrap_content"

        android:layout_height="wrap_content"

        android:text="Hello World" />

    </RelativeLayout>
```

- **JAVA File:**

```java
package com.example.prac17;

import android.os.Bundle;

import android.util.Log;

import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

 @Override

 protected void onCreate(Bundle savedInstanceState) {

 super.onCreate(savedInstanceState);

 setContentView(R.layout.activity_main);

 Log.d("Activity:", "Created");

 }

 @Override

 protected void onStart() {

 super.onStart();

 Log.d("Activity:", "Started");

 }

 @Override

 protected void onResume() {

 super.onResume();

 Log.d("Activity:", "Resume");

 }
```

```
@Override

protected void onPause() {

super.onPause();

Log.d("Activity:", "Pause");

}

@Override

protected void onStop() {

super.onStop();

Log.d("Activity:", "Stop");

}

@Override

protected void onRestart() {

super.onRestart();

Log.d("Activity:", "Restart");

}

@Override

protected void onDestroy() {

super.onDestroy();

Log.d("Activity:", "Destroy");

}

}
```

- **Output:**

```
2022-04-26 14:32:09.298 17066-17066/com.example.prac17 E/OplusCustomizeRestrictionManager: sInstance is null, start a new sInstance
2022-04-26 14:32:09.318 17066-17066/com.example.prac17 D/Activity:: Created
2022-04-26 14:32:09.322 17066-17066/com.example.prac17 D/Activity:: Started
2022-04-26 14:32:09.324 17066-17066/com.example.prac17 D/Activity:: Resume

2022-04-26 14:36:57.316 18024-18024/com.example.prac17 D/Activity:: Pause
2022-04-26 14:36:57.713 18024-18049/com.example.prac17 I/GED: ged_boost_gpu_freq, level 100, eOrigin 2, final_
2022-04-26 14:36:57.716 18024-18024/com.example.prac17 D/Activity:: Stop
2022-04-26 14:36:57.721 18024-18024/com.example.prac17 V/PhoneWindow: DecorView setVisiblity: visibility = 4,
2022-04-26 14:37:20.017 18024-18024/com.example.prac17 D/Activity:: Destroy
```