MOBILE APPLICATION DEV.

2.
```
package co
import androidx.appcompat.app.AppCompactActivity;
import android.os.Bundle;
import android.util.Log;
public class MainActivity extends AppCompactActivity
{
public static final String status = MainActivity.
  class.getSimpleName();
@Override
protected void onCreate (Bundle savedInstanceState)
{ super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);
Log.i(status, "In Method OnCreate");
}

@Override
protected void onStart() {
super.onCreate super.onStart() {;
Log.i(status, "In Method OnStart");
}
@Override
protected void onResume() {
super.onResume();
Log.i(status, "In Method OnResume");
}
```

```java
@Override
protected void on post onPause () {
super.onPause();
log.i (status, "In Method OnPause");
}

@Override
protected void onStop () {
super.on Stop();
log.i (status, "In Method OnStop");
}

@Override
protected void onDestroy () {
super.onDestroy();
log.in (status, "In Method OnDestroy");
}
}

@Override
protected void onRestart () {
super.onRestart();
log.d ("Life cycle", "on Restart invoked");
```

Reshi

XML

```
<?xml version = "1.0" encoding = "uff-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: layout_width = "match_parent"
android: orientation = "vertical"
android: layout_height = "match_parent"
tools: context = ".MainActivity">
<Text View
android: layout_width = "match_parent"
android: layout_height = "wrap_content"
android: text = "Hello World"
android: gravity = "center"
android: layout_marginTop = "100 dp"
/>
</linear layout>
```
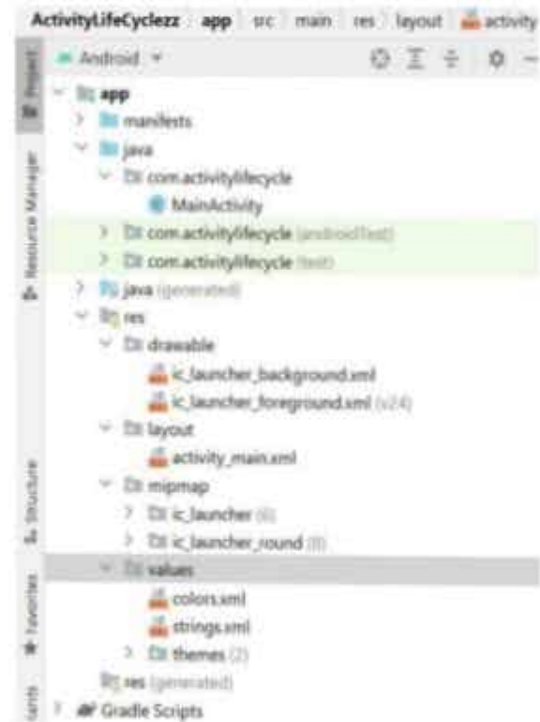
Project Directory-

ActivityLifeCyclezz app src main res layout activity

Android ▾

- app
  - manifests
  - java
    - com.activitylifecycle
      - MainActivity
    - com.activitylifecycle (androidTest)
    - com.activitylifecycle (test)
  - java (generated)
  - res
    - drawable
      - ic_launcher_background.xml
      - ic_launcher_foreground.xml (v24)
    - layout
      - activity_main.xml
    - mipmap
      - ic_launcher (6)
      - ic_launcher_round (6)
    - values
      - colors.xml
      - strings.xml
      - themes (2)
  - res (generated)
- Gradle Scripts

OUTPUT :

ActivityLifeCycle

Hello World!