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Course - BCA 5B

Rollno - 1921024

Subject - Mobile Application Development

-> Source code for default activity lifecycle

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

```
<androidx.constraintlayout.widget.ConstraintLayout
```

```
xmlns:tools="http://schemas.android.com/tools"
```

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

```
<TextView
```

```
android:text="Hello"
```

```
android:textSize="30dp"
```

```
android:textStyle="italic" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

```
package com.activitylifecycle;
```

```
import androidx.appcompat.app.AppCompatActivity;
```

```
import android.os.Bundle;
```

```
import android.util.Log;
```

```
public class MainActivity extends AppCompatActivity {
```

```
    public static final String status = "Main Activity";
```

```
    class.getSimpleName();
```

Ankit

android: text = "Open"

~~android~~

android:layout_constraint_top_toBottom of = "@+id/ET"/>

Ambit

②

@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.onStart();

Log.i(status, "In method onCreate");

}

@Override

protected void onResume() {

super.onResume();

Log.i(status, "In method onResume");

}

@Override

protected void onPause() {

super.onPause();

Log.i(status, "In method onPause");

}

Ambit

@ Override

```
protected void onStop() {  
    super.onStop();  
    Log.i (status, "In method onStop");  
}
```

@ override

```
protected void onDestroy() {  
    super.onDestroy()  
    Log.i (status, "In method onDestroy");  
}
```

Ankur

gradle.properties (Project Properties)
settings.gradle (Project Settings)
local.properties (SDK Location)

```
18         @Override  
19         protected void onStart() {  
20             super.onStart();  
21             Log.i(status, msg, "In method onStart");  
22         }  
23  
24         @Override  
25         protected void onResume() {
```

Logcat

Emulator Pixel_3_API_28 Android

com.activitylifecycle (20799)

Verbose

Q

logcat

```
2021-09-06 22:54:38.819 20799-20799/com.activitylifecycle I/MainActivity: In method onCreate  
2021-09-06 22:54:38.828 20799-20799/com.activitylifecycle I/MainActivity: In method onResume  
2021-09-06 22:54:38.236 20799-20825/com.activitylifecycle D/EGL_emulation: eglMakeCurrent: 0xf01c04  
2021-09-06 22:54:41.276 20799-20799/com.activitylifecycle I/MainActivity: In method onPause  
2021-09-06 22:54:42.143 20799-20825/com.activitylifecycle D/EGL_emulation: eglMakeCurrent: 0xf01c04  
2021-09-06 22:54:42.189 20799-20799/com.activitylifecycle I/MainActivity: In method onStop  
2021-09-06 22:54:42.193 20799-20799/com.activitylifecycle I/MainActivity: In method onDestroy
```

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