

Name - Anshita Gupta  
Mobile Application

Graphic Era Hill University

1301028

BCA5C

01/08/2021

Ques) MainActivity.java

```
import android.app.Activity;
import android.os.Bundle;
import android.util.Log;

public class MainActivity extends AppCompatActivity {
    public static final String status = MainActivity.class.getSimpleName();
```

@Override

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

@Override

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

@Override

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

@Override

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

② override

```
protected void onDestroy();
```

```
Log.i("Status", "on method on Destroy");
```

```
}  
}
```

activity-main.xml.

```
<android.support.constraint.layout.widget.ConstraintLayout  
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"
```

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

```
<TextView
```

```
android:layout_width="match-parent"
```

```
android:layout_height="wrap-content"
```

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

```
app:layout_constraintBottom_toBottomOf="parent"
```

```
app:layout_constraintTop_toTopOf="parent" />
```

```
</android.support.constraint.layout.widget.ConstraintLayout>
```

End

**ANSHITA GUPTA**  
**BCA 5C**  
**1921028**

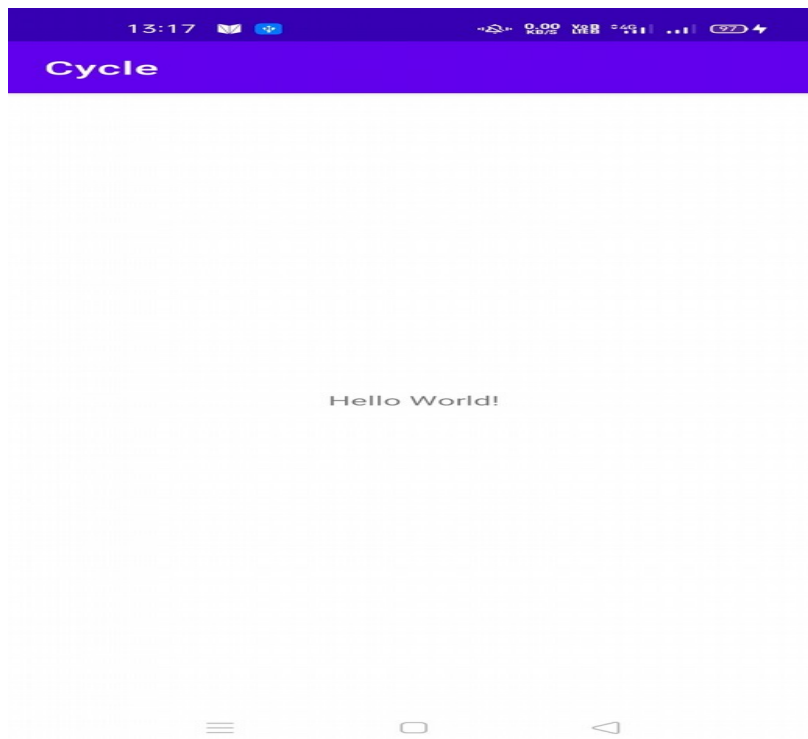
**Screenshot:-**

**ON START/ON RESUME**

```
2021-09-03 13:15:18.945 19220-19220/com.example.cycle I/Choreographer: Skipped 3 frames! The application may be doing too much work
2021-09-03 13:16:57.292 19220-19220/com.example.cycle I/MainActivity: In method onStart
2021-09-03 13:16:57.298 19220-19220/com.example.cycle I/MainActivity: In method onResume
```

Problems Terminal Build Profiler Run App Inspection Logcat

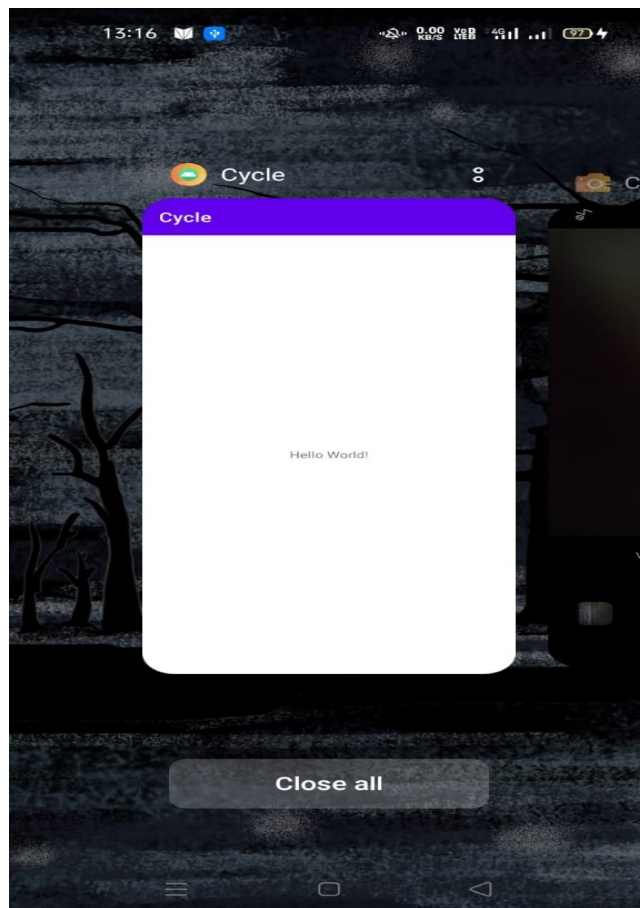
Build succeeded (15 minutes ago)





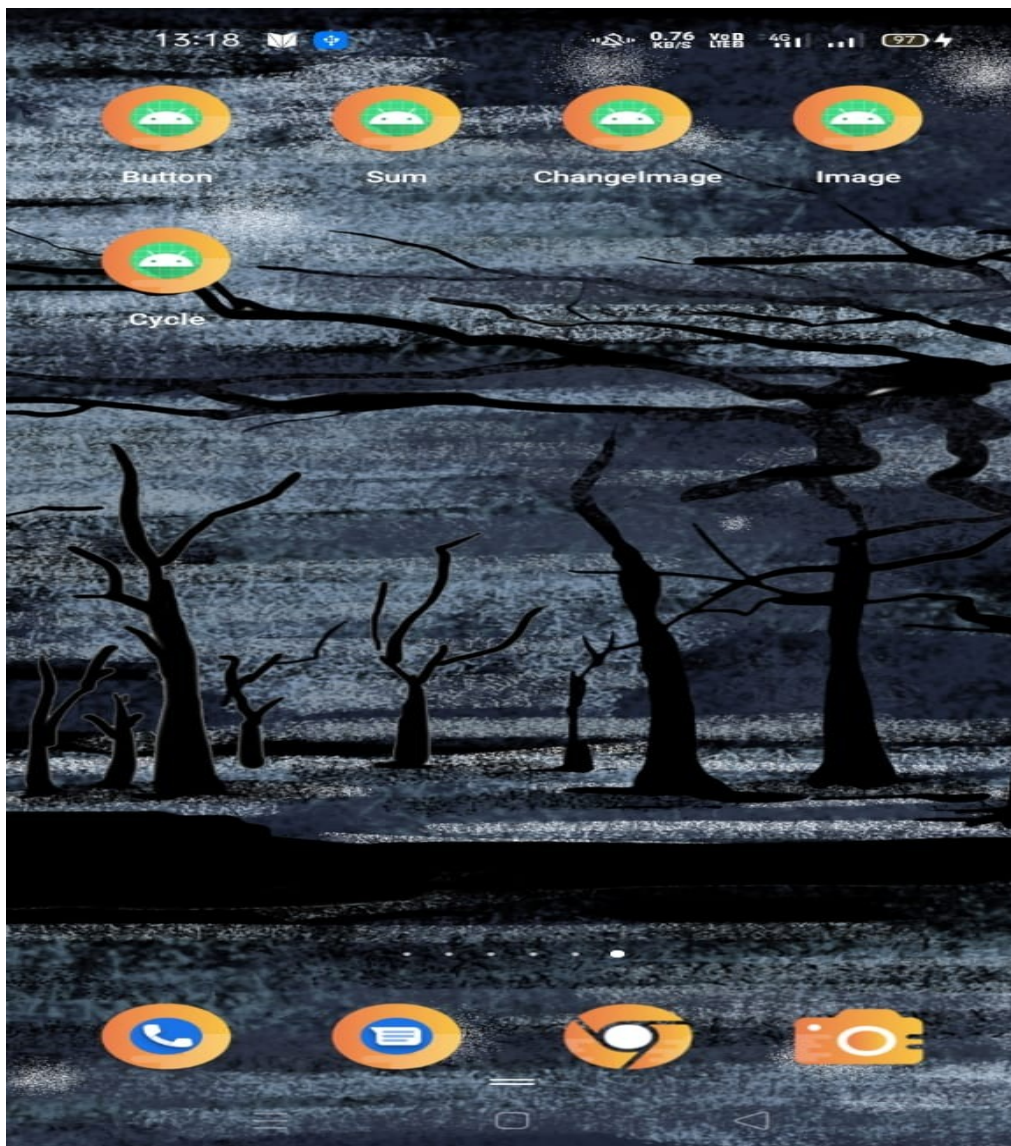
## ON PAUSE/ON STOP

```
11-09-03 13:15:12.582 19220-19220/com.example.cycle I/AdrenoEGLS-0: FPP: 0x00000000, NE: 0x00000000
11-09-03 13:15:12.642 19220-19220/com.example.cycle D/ColorViewRootUtil: initState, isDisplayCompatApp false
11-09-03 13:15:12.643 19220-19220/com.example.cycle D/ColorViewRootUtil: updateScreenSize, mScreenHeight 1600, mScreenWidth 720, height 1600, width 720
11-09-03 13:15:12.645 19220-19220/com.example.cycle I/Choreographer: Skipped 1 frames! The application may be doing too much work.
11-09-03 13:15:18.293 19220-19220/com.example.cycle I/MainActivity: In method onPause
11-09-03 13:15:18.907 19220-19220/com.example.cycle I/MainActivity: In method onStop
11-09-03 13:15:18.945 19220-19220/com.example.cycle I/Choreographer: Skipped 3 frames! The application may be doing too much work.
```



## ON DESTROY:-

```
2021-09-03 13:18:13.720 19220-19220/com.example.cycle I/MainActivity: In method onStop
2021-09-03 13:18:35.952 19220-19220/com.example.cycle I/MainActivity: In method onDestroy
```



## MainActivity.java

```
package com.example.cycle;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;
public class MainActivity extends AppCompatActivity {
    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.onStart();
        Log.i(status, "In method onStart");
    }
    @Override
    protected void onResume(){
        super.onResume();
        Log.i(status, "In method onResume");
    }
    @Override
    protected void onPause() {
        super.onPause();
        Log.i(status, "In method onPause");
    }
    @Override
    protected void onStop(){
        super.onStop();
        Log.i(status, "In method onStop");
    }
    @Override
    protected void onDestroy(){
        super.onDestroy();
        Log.i(status, "In method onDestroy");
    }
}
```

## activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    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:layout_height="match_parent"
    tools:context=".MainActivity">
    <TextView
        android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
    android:text="Hello World!"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintRight_toRightOf="parent"
    app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>
```