

Name - Shilpi Bisht

Course - BCA - 5 - A

Roll No - 54

University Roll No - 1921163

Subject Code - PBC - 502

Subject - Android Application Development Practical

Qus2. Develop an android application to demonstrate activity life cycle using logcat.

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"
```

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```
app: layout_constraintBottom_toBottomOf="parent"  
app: layout_constraintLeft_toLeftOf="parent"  
app: layout_constraintRight_toRightOf="parent"  
app: layout_constraintTop_toTopOf="parent"/>  
</androidx.constraintlayout.widget.ConstraintLayout>
```

MainActivity.java

```
package com.example.activitylifecycle;  
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);
```

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```
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");
}
```

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@ Override

```
protected void onDestroy() {
```

```
    super.onDestroy();
```

```
    log.i (status, "In method onDestroy");
```

```
    }
```

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