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**Course: Bca 5th B**

**Roll No: 14(1921048)**

-----Main Java file-----

```
package com.example.acitivity_lifecycle;

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 onRestart() {  
    super.onRestart();  
    Log.i(status, "In method onRestart");  
}
```

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

-----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>
```

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Main Activity.java

```
package com.example.activity-lifecycle;  
import android.support.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:app="http://schemas.android.com/apk/
        res-auto"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
</androidx.constraintlayout.widget.ConstraintLayout>

```