Q-2 Displaying activity life cycle using logcat.

File: Main Activity.java

```java
package com.example.activitylifecycle;
import android.app.Activity;
import android.os.Bundle;
import android.util.Log;
public class MainActivity extends Activity
{
  @override
  protected void onCreate(Bundle savedInstanceState)
  {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    Log.d("lifecycle", "onCreate invoked");
  }

  @override
  protected void onStart()
  {
    super.onStart();
    Log.d("lifecycle", "onStart invoked");
  }

  @override
  protected void onResume()
  {
    super.onResume();
    Log.d("lifecycle", "onResume invoked");
  }

  @override
```

```java
protected void onPause()
{
  super.onPause();
  Log.d("lifecycle", "onPause invoked");
}
@override
protected void onRestart()
{
  super.onRestart();
  Log.d("lifecycle", "onRestart invoked");
}

@override
protected void onDestroy()
{
  super.onDestroy();
  Log.d("lifecycle", "onDestroy invoked");
}
}
```

Signature: Laxmi

XML /storage/emulated/0/AppProjects/image/androidlifecycle/app/src/main/res/lay

```xml
1  <LinearLayout xmlns:android="http://schemas.android
2      android:layout_width="match_parent"
3      android:layout_height="match_parent"
4      android:gravity="center">
5
6      <TextView
7          android:text="@string/hello_world"
8          android:layout_width="wrap_content"
9          android:layout_height="wrap_content" />
10
11 </LinearLayout>
```

[log output — illegible]

Hello world!