

Name : Vinay Singh Rawat

Roll no 1922071

Subject: Mobile Application developement .

Question 2

MainActivity.java

```
package com.example.question2; import
androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle; import android.util.Log;

public class MainActivity extends AppCompatActivity {

    @Override    protected void onCreate(Bundle
savedInstanceState) {
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);
    Log.d("lifecycle", "Activity started");
    }
    @Override    protected
void onStart() {
super.onStart();
    Log.d("lifecycle", "onStart invoked");
    }
    @Override    protected void
onResume() {
super.onResume();
    Log.d("lifecycle", "onResume invoked");
    }
    @Override    protected void
onPause() {
super.onPause();
    Log.d("lifecycle", "onPause invoked");
    }
    @Override    protected
void onStop() {
super.onStop();
```

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

    //end of class.....
}
```

MainActivity.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>
```

