

Name :Pankaj Singh Bhandari  
Roll no 1922040  
Subject: Mobile Application developement .  
Course: B.Sc (It).

## 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>
```