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Mobile Application Development (BSc.IT 5) Mid term Practical Examination

Solution 2 : XML File Coding:

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.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="example.java.demo.com.activitylifecycle.MainActivity">
```

<TextView

```
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Practical Examination"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintLeft_toLeftOf="parent"
    app:layout_constraintRight_toRightOf="parent"
    app:layout_constraintTop_toTopOf="parent"/>
```

</android.support.constraint.ConstraintLayout>

Java Code :

```
package example.javademo.com.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 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");
}
```

*P. Mohith*

@ Override

```
protected void onRestart () {
```

```
    super.onRestart();
```

```
    log.d ("lifecycle", "onRestart invoked");
```

```
}
```

@ Override

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

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

```
    log.d ("lifecycle", "onDestroy invoked");
```

```
}
```

```
}
```