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Subject -> Mobile Application
Development

Sub Code -> PB1 501

Q.no.2-> Develop an android application to demonstrate
activity life cycle using logcat.

Answer-> activity-main.xml

```
xmlns:app = "http://schemas.androidcom/apk/res/auto"
xmlns:tools = "http://schemas.android.com/Aools"
android layout-with = "match-parent"
android layout-height = "match-parent"
tools:context = "example.javatpoint.com.activity lifecycle.
                                                  mainActivity
```

```
androidlayout-with = "wrap-content"
android layout-height = "wrap-content"
androidtext = "Hello world!"
app : layout-constraint Bottom_to Bottom of = "parent"
app:layout-constraint Left_toLeft of = "parent"
app: layout-Constraint Right_to Right of = "parent"
app: layout-Constraint Top_to Top of = "parent"> 1
```

mainActivity.java : -
```
package example.ayush.com.activity lifecycle;
import android app.Activity;
import android os. Bande;
import androidutil.log;
```

```java
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.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");
  }
```

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