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Course :- BCA 5'B

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Subject :- ~~Web~~ mobile App & development.

Ques 2 Develop an android application to demonstrate activity life cycle using logcat.

Ans

activity-main.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"

</android.support.design.widget.ConstraintLayout>



## Main Activity - Java

```
package com.activitylife cycle;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.util.Log;
public class MainActivity extends AppCompatActivity {
    public static final String status = MainActivity.class.getSimpleName();
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Log.i(status, "In method onCreate");
    }
    @Override
    protected void onStart() {
        super.onStart();
        Log.i(status, "In method onStart");
    }
    @Override
    protected void onResume() {
        super.onResume();
        Log.i(status, "In method onResume");
    }
    @Override
    protected void onPause() {
        super.onPause();
        Log.i(status, "In method onPause");
    }
}
```

}

@Override

protected void onStop()  
{

super.onStop();

Log.i("status", "In method onStop");  
}

@Override

protected void onDestroy() {

super.onDestroy();

Log.i("status", "In method onDestroy");  
}

}