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Date - 11/10/21 Code - PBC 502

Sub Mobile App Development

Sec - C

classmate

Date

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Q2. Develop an android app. to demonstrate activity life cycle using logcat

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:android="http://schemas.android.com/apk/res-auto" app
```

```
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".MainActivity">
```

<!-- add an editText to input text -->

<EditText

```
android:id="@+id/editText1"
android:layout_width="0dp"
android:layout_height="wrap_content"
android:layout_alignParentTop="true"
android:layout_marginTop=
android:layout_center
android:layout_centerHorizontal="true"
android:layout_marginTop="136dp"
android:ems="10"
```

```
app:layout_constraintEnd_toEndOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintTop_toTopOf="parent"/>
```

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<!-- add a button for click -->

< Button

android:id="@+id/button1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/editText1"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="49dp"

android:layout\_marginEnd="132dp"

android:text="Click"

app:layout\_constraintEnd\_toEndOf="@+id/editText1"

app:layout\_constraintTop\_toBottomOf="@+id/editText1" />

<android.support.constraint.ConstraintLayout>

## Main Activity . Java

package org

import android.app.Activity;

import android.content.Intent;

import android.net.Uri;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

public class MainActivity extends Activity {

@ override

protected void onCreate(Bundle savedInstanceState)

{



```
setContentView(R.layout.activity_main);
```

// Bind the components to their respective objects  
// by assigning their IDs

// with the help of findViewById() method  
final EditText editText1 = (EditText) findViewById(R.id.editText1);

Button button = (Button) findViewById(R.id.button1);

~~Ques~~

button.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v)  
{

String url = editText1.getText().toString();

Intent intent = new Intent(Intent.ACTION\_VIEW, Uri.parse(url));

startActivity(intent);

}

} );

{  
{  
{  
}

Put this