

Experiment 7

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Semester: 6th
Subject Code: 20CSP-356

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Subject Name: MAD Lab

AIM: Create an Android application using Fragments.

Code:

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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="fill_parent"
    android:layout_height="fill_parent"
    >
    <fragment
        android:id="@+id/Fragment1"
        android:name="com.example.fragmentexp7.Fragment1"
        android:layout_width="0px"
        android:layout_height="match_parent"
        android:layout_weight="1"
    />
```

<fragment

android:id="@+id/Fragment2"

android:name="com.example.fragmentexp7.Fragment2"

android:layout_width="0px"

android:layout_height="match_parent"

android:layout_weight="1"

/>

</LinearLayout>

fragment_1.xml

<?xml version="1.0" encoding="utf-8"?>

<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:layout_width="match_parent"

android:layout_height="match_parent"

android:outlineAmbientShadowColor="#00BCD4"

android:outlineSpotShadowColor="#00BCD4"

tools:context=".Fragment1">

<!-- TODO: Update blank fragment layout -->

<TextView

android:layout_width="match_parent"

android:layout_height="match_parent"

android:shadowColor="#8BC34A"

android:text="@string/name" <!-- name = Kanishk Soni -->

android:textSize="20sp"

android:background="@color/teal_200"/>

</FrameLayout>

fragment_2.xml

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Fragment2">
    <!-- TODO: Update blank fragment layout -->
    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:shadowColor="#8BC34A"
        android:text="@string/uid" <!-- uid = 20bcs9398 -->
        android:textSize="20sp"
        android:textColor="@color/white"
        android:background="@color/purple_700"/>
</FrameLayout>
```



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App Output:

