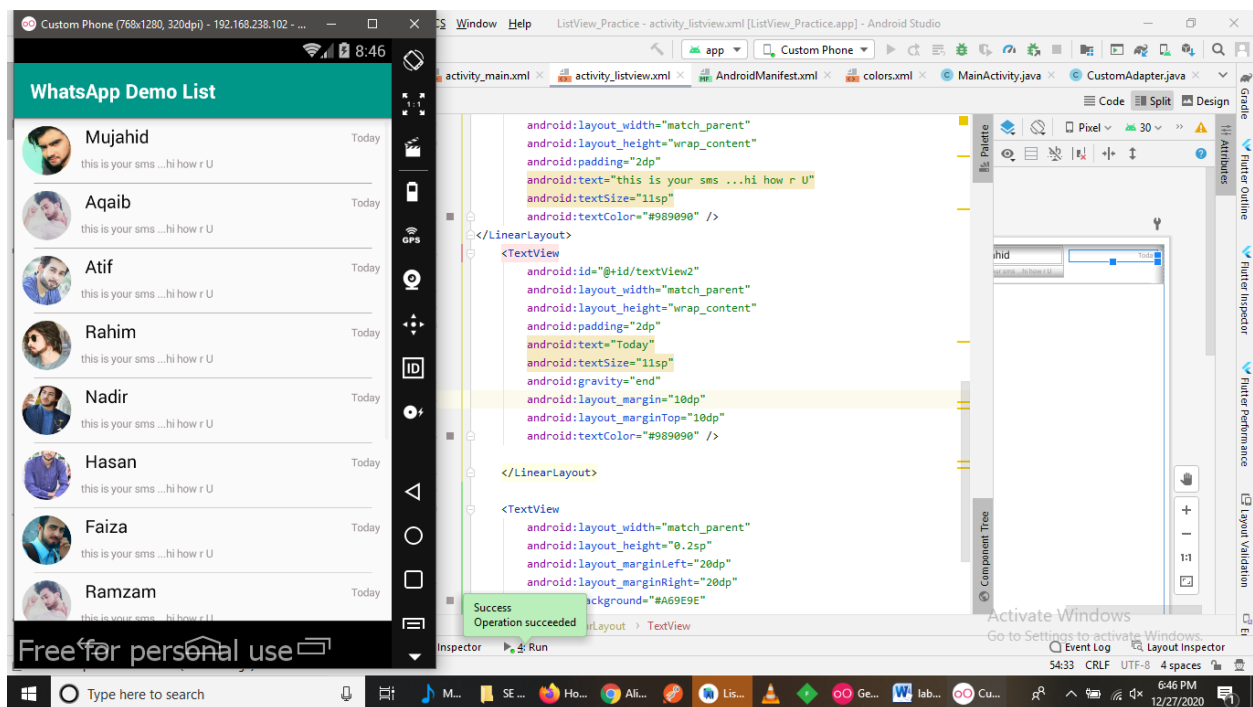


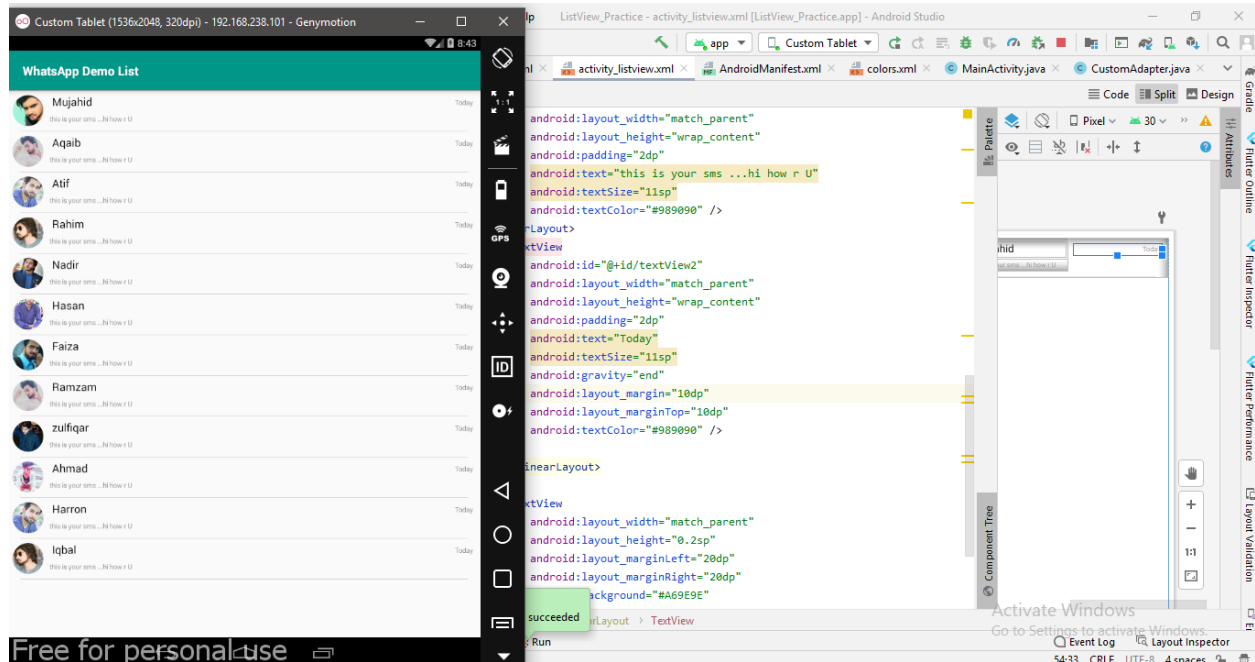
Lab No 2

1. Whats app Chat Demo by Using ListView

Phone Screen Shots



Tablet Screen Shots



Source Code:

ItemList.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    android:layout_margin="10dp"
    android:divider="@color/black"
    android:orientation="vertical">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        xmlns:app="http://schemas.android.com/apk/res-auto"
        android:divider="@color/black"
        android:orientation="horizontal">

        <de.hdodenhof.circleimageview.CircleImageView
            android:id="@+id/icon"
            android:layout_width="50dp"
            android:layout_height="50dp"
            android:layout_margin="8dp"
            android:background="#A69E9E" />

        <TextView
            android:layout_width="match_parent"
            android:layout_height="0.25sp"
            android:layout_marginLeft="20dp"
            android:layout_marginRight="20dp"
            android:background="#A69E9E" />

        <TextView
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:padding="2dp"
            android:text="this is your sms ...hi how r u"
            android:textSize="11sp"
            android:textColor="#989090" />

    </LinearLayout>

</LinearLayout>
```

```

        android:src="@drawable/ic_launcher_background"
    />

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="vertical">
    <TextView
        android:id="@+id/textView"
        android:layout_width="150dp"
        android:layout_height="wrap_content"
        android:padding="2dp"
        android:text="Mujahid"
        android:textSize="18sp"
        android:layout_margin="4dp"
        android:textColor="@color/black" />
    <TextView
        android:id="@+id/textView3"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:padding="2dp"
        android:text="this is your sms ...hi how r U"
        android:textSize="11sp"
        android:textColor="#989090" />
</LinearLayout>
    <TextView
        android:id="@+id/textView2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:padding="2dp"
        android:text="Today"
        android:textSize="11sp"
        android:gravity="end"
        android:layout_margin="10dp"
        android:layout_marginTop="10dp"
        android:textColor="#989090" />

</LinearLayout>

    <TextView
        android:layout_width="match_parent"
        android:layout_height="0.2sp"
        android:layout_marginLeft="20dp"
        android:layout_marginRight="20dp"
        android:background="#A69E9E"
    />

</LinearLayout>

```

Activity.xml

```

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

```

```
xmlns:android="http://schemas.android.com/apk/res/android"
xmlns:tools="http://schemas.android.com/tools"
xmlns:app="http://schemas.android.com/apk/res-auto"
android:layout_width="match_parent"
android:layout_height="match_parent"
android:orientation="vertical"
tools:context=".MainActivity">
<ListView
    android:id="@+id/simpleListView"
    android:layout_width="fill_parent"
    android:layout_height="wrap_content"
    android:divider="@color/material_blue_grey_800"
    android:footerDividersEnabled="false" />
```

```
</LinearLayout>
```