

### Practical:-4

**Aim:-** Create an application with TextView and Buttons to understand the event handling in android.

#### <ACTIVITY\_MAIN.XML>

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</p>
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!"
    android:textSize="28dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.498"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.422" />
  <Button
    android:id="@+id/button"
    android:layout_width="164dp"
    android:layout_height="65dp"
    android:layout_marginBottom="276dp"
    android:text="Click on Button"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.497"
```

</androidx.constraintlayout.widget.ConstraintLayout>

app:layout\_constraintStart\_toStartOf="parent" />



#### <ACTIVITY\_MAIN2.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=".MainActivity2">
 <TextView
 android:id="@+id/textView"
 android:layout\_width="wrap\_content"</pre>

android:id="@+id/textView"
android:layout\_width="wrap\_content"
android:layout\_height="wrap\_content"
android:layout\_marginBottom="304dp"
android:text="Welcome I'm Kushal Sharma "
android:textSize="28dp"
app:layout\_constraintBottom\_toBottomOf="parent"
app:layout\_constraintEnd\_toEndOf="parent"
app:layout\_constraintStart\_toStartOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>



# <MAINACTIVITY.JAVA> package com.example.app\_4; import androidx.appcompat.app.AppCompatActivity; import android.content.Intent; import android.os.Bundle; import android.view.View; import android.widget.Button; public class MainActivity extends AppCompatActivity { @Override protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main); Button btn = (findViewByld(R.id.button)); btn.setOnClickListener(new View.OnClickListener() { @Override public void onClick(View view) { Intent i = new Intent(MainActivity.this, MainActivity2.class); startActivity(i); **})**; } <MAINACTIVITY2.JAVA> package com.example.app\_4; import androidx.appcompat.app.AppCompatActivity; import android.os.Bundle; public class MainActivity2 extends AppCompatActivity { @Override protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main2); } }



## Output\_Screenshots:



