

## ACTIVITY LIFE CYCLE

```
package com.example.myapplication;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.os.TokenWatcher;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Toast.makeText(getApplicationContext(), "AppCreate function", Toast.LENGTH_SHORT).show();
    }
    @Override
    protected void onStart(){
        super.onStart();
        Toast.makeText(getApplicationContext(), "AppStart function", Toast.LENGTH_SHORT).show();
    }
    @Override
    protected void onResume(){
        super.onResume();
        Toast.makeText(getApplicationContext(), "AppResume function", Toast.LENGTH_SHORT).show();
    }

    @Override
    protected void onPause(){
        super.onPause();
        Toast.makeText(getApplicationContext(), "AppPause function", Toast.LENGTH_SHORT).show();
    }
    @Override
    protected void onStop(){
        super.onStop();
        Toast.makeText(getApplicationContext(), "AppStop function", Toast.LENGTH_SHORT).show();
    }
    @Override
    protected void onRestart(){
        super.onRestart();
        Toast.makeText(getApplicationContext(), "AppRestart function", Toast.LENGTH_SHORT).show();
    }
    @Override
    protected void onDestroy(){
        super.onDestroy();
        Toast.makeText(getApplicationContext(), "AppDestroy function", Toast.LENGTH_SHORT).show();
    }
}

<?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"
    android:background="#7094db">

    <TextView
```

```
android:id="@+id/textView2"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_marginBottom="336dp"
android:text="Hello World!"
android:textSize="40dp"
app:layout_constraintBottom_toBottomOf="parent"
app:layout_constraintHorizontal_bias="0.467"
app:layout_constraintLeft_toLeftOf="parent"
app:layout_constraintRight_toRightOf="parent" />
```

```
<EditText
    android:id="@+id/editTextTextPersonName"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:ems="10"
    android:inputType="textPersonName"
    android:text="Chandini"
    android:textSize="40dp"
    app:layout_constraintBottom_toTopOf="@+id/textView2"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="1.0"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.526" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

OUTPUT





