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exp1

CODE:

activity_main.xml

```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=".MainActivity"
    android:background="#99e6ff">

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Hello user!"
        android:textSize="40dp"
        android:textColor="#1a001a"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <EditText
        android:id="@+id/editTextTextPersonName"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="66dp"
        android:layout_marginTop="117dp"
        android:layout_marginEnd="135dp"
        android:layout_marginBottom="194dp"
        android:ems="10"
        android:inputType="textPersonName"
        android:text="Yashodha"
        android:textSize="30dp"
        app:layout_constraintBottom_toTopOf="@+id/textView"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

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

MainActivity.java

```java
package com.example.lifecyc;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.widget.Toast;
```

```java
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();
    }
}
```

OUTPUT:

Gallery

AppPause function

Gallery

AppStop function

Gallery

AppDestroy function