NAME: YASHODHA R NAIK

USN: 1NT20IS416

exp1

CODE:

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"
  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

```
package com.example.lifecyc;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
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();
    To a st. \textit{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:













