**PRACTICAL: 5**

**AIM:**

Create an application to display “Hello World” string the number of times user inputs a numeric value. (Example. If user enters 5, the next screen should print “Hello World” five times.)

**CODE:**

|  |
| --- |
| **activity\_main.xml**  *<?*xml version="1.0" encoding="utf-8"*?>* <android.support.constraint.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">  <LinearLayout  android:layout\_height="match\_parent"  android:layout\_width="match\_parent"  android:orientation="vertical"  android:gravity="center">  <EditText  android:id="@+id/edt\_number"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:hint="ENTER NUMBER"  android:gravity="center"  android:inputType="number"/>  <Button  android:id="@+id/btn\_display"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:text="DISPLAY"  android:layout\_marginTop="20dp"/>  </LinearLayout>  </android.support.constraint.ConstraintLayout>    **activity\_display.xml**  *<?*xml version="1.0" encoding="utf-8"*?>* <android.support.constraint.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=".DisplayActivity">  <LinearLayout   android:layout\_width="match\_parent"  android:layout\_height="match\_parent"  android:gravity="center"  android:orientation="vertical">  <TextView  android:id="@+id/txt\_display"  android:layout\_width="wrap\_content"  android:layout\_height="wrap\_content"  android:textSize="20dp"/>  </LinearLayout> </android.support.constraint.ConstraintLayout>  **MainActivity.java**  package com.example.p5; import android.content.Intent; import android.support.v7.app.AppCompatActivity; import android.os.Bundle; import android.view.View; import android.widget.Button; import android.widget.EditText; import android.widget.TextView; public class MainActivity extends AppCompatActivity {  EditText edt\_number=null;  Button btn\_display=null;  @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_main*);  edt\_number=(EditText)findViewById(R.id.*edt\_number*);  btn\_display=(Button)findViewById(R.id.*btn\_display*);  btn\_display.setOnClickListener(new View.OnClickListener() {  @Override  public void onClick(View v) {  String str\_number=edt\_number.getText().toString();  Intent intent=new Intent(MainActivity.this,DisplayActivity.class);  intent.putExtra("NUMBER",str\_number);  startActivity(intent);  }  });  } }  **DisplayActivity.java**  package com.example.MainActivity2; import android.content.Intent; import android.support.v7.app.AppCompatActivity; import android.os.Bundle; import android.widget.TextView; import android.widget.Toast; public class DisplayActivity extends AppCompatActivity {  TextView txt\_display=null;  @Override  protected void onCreate(Bundle savedInstanceState) {  super.onCreate(savedInstanceState);  setContentView(R.layout.*activity\_display*);  txt\_display=(TextView)findViewById(R.id.*txt\_display*);  Intent intent=getIntent();  String str\_number=intent.getStringExtra("NUMBER");  int number=Integer.*parseInt*(str\_number);  StringBuffer stringBuffer=new StringBuffer();  for (int i = 0; i < number; i++) {  stringBuffer.append(" HELLO WORLD \n");  }  txt\_display.setText(stringBuffer.toString());  } } |

**OUTPUT:**

|  |  |
| --- | --- |
| **C:\Users\91704\Desktop\p5 ss 1 - sarvesh.png** | **C:\Users\91704\Desktop\p5 ss 2 - sarvesh.png** |
|  |  |
|  | |