Name:-Krishant Chauhan
Course:-BCA 5A
Roll no:- 29
Uni. Roll no:-1921085

Q:-Write a program in android to show Toast

Xml Code:-

```xml
<RelativeLayout 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="Toast for Short Time"
        android:textSize="30dp"
        android:textColor="@color/teal_700"
        android:id="@+id/toast1"
        android:layout_centerVertical="true"
        android:layout_centerHorizontal="true"/>

    <TextView
        android:id="@+id/toast2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/toast1"
        android:layout_alignParentStart="true"
        android:layout_centerHorizontal="true"
        android:layout_marginStart="51dp"
        android:layout_marginTop="18dp"
        android:text="Toast for long Duration"
        android:textColor="@color/purple_500"
        android:textSize="30dp" />

</RelativeLayout>
```

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Java Code:-

```java
package com.example.toast;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    TextView tos1, tos2;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        tos1=findViewById(R.id.toast1);
        tos2=findViewById(R.id.toast2);

        tos1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Toast.makeText(getApplicationContext(),"This is first use
of Toast (Short Time)",Toast.LENGTH_SHORT).show();
            }
        });
        tos2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Toast.makeText(getApplicationContext(),"This is Toast for
Long Duration",Toast.LENGTH_LONG).show();
            }
        });
    }
}
```
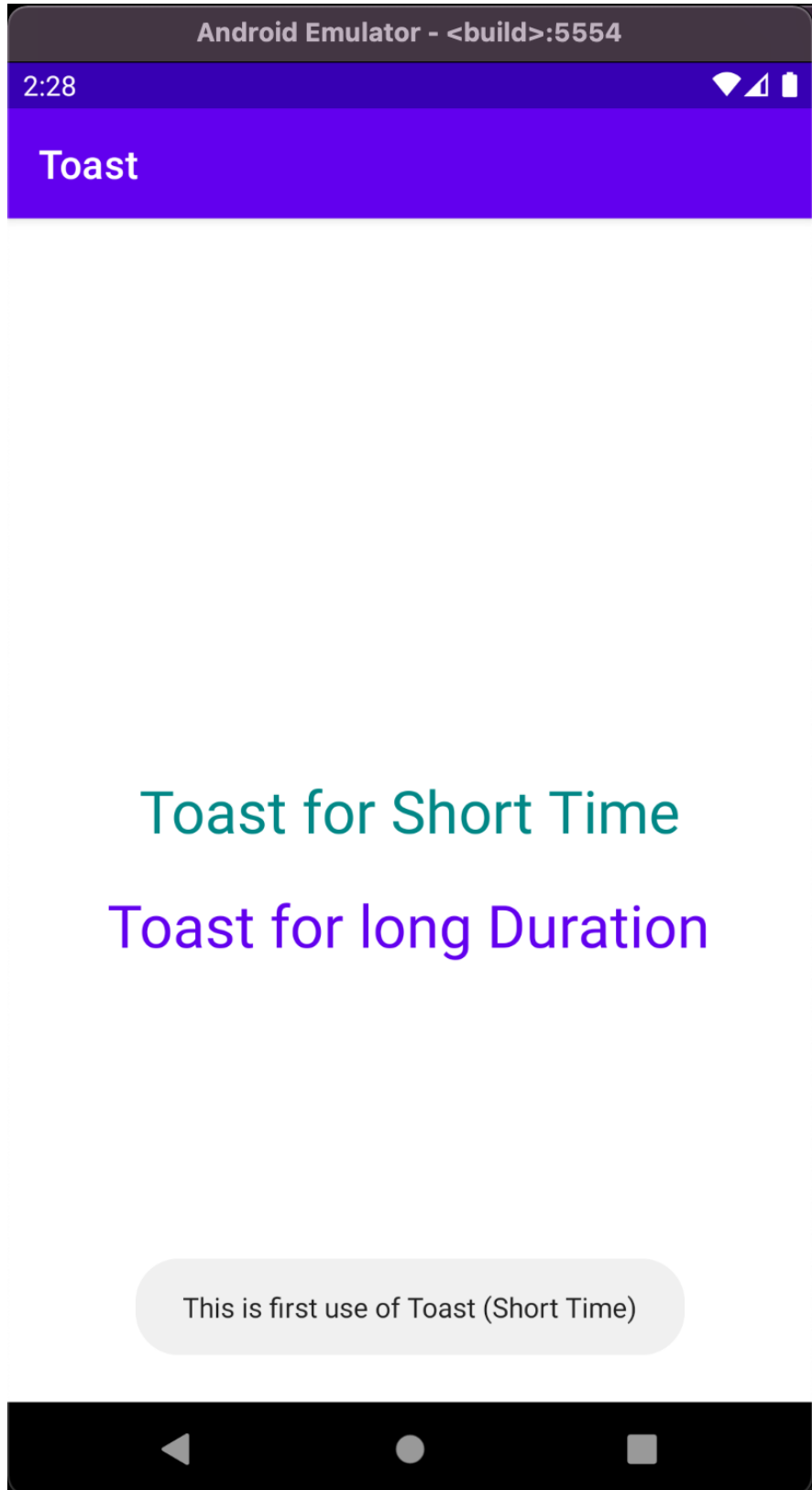
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O/p:-

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qemu-system-aarch64

Android Emulator - <build>:5554

2:28

Toast

Toast for Short Time

Toast for long Duration

This is Toast for Long Duration