Ex.No.:1b

SETTING UP ANDROID PLATFORM, ANDROID VIRTUAL
DEVICE AND CREATE APPLICATION TO DISPLAY WELCOMEMESSAGE
USING TOAST METHOD

AIM:

To set up Android Platform, Android Virtual Device and to create an application to display welcome message using toast method.

PROCEDURE:

Step 1: Select → File → New → New Project

Step 2: Select Empty activity and click Next button

Step 3 : Type your activity name and click Finish button

Step 4: You will give this screen i.e MainActivity.java tab and activity_main.xml tab

Step 5: Go to main_activity.xml tab and click design icon (right top corner)

                Add one Button

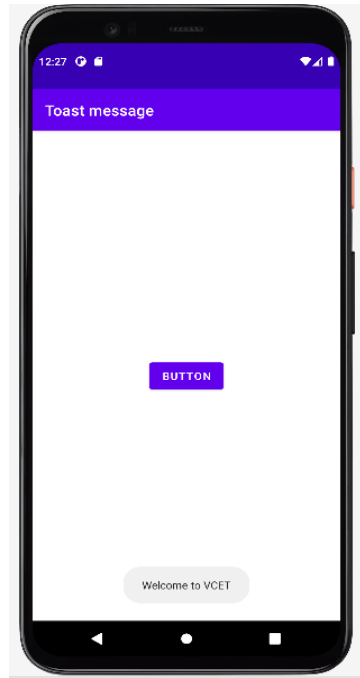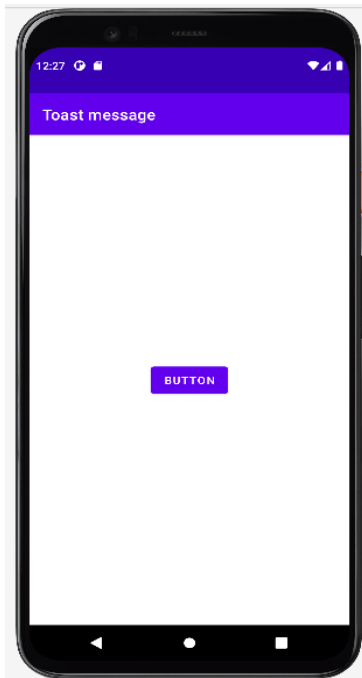Step6: Go to main_activity.java tab and write the logic of the program

```java
public void enter(View view)
{
  Toast.makeText(getApplicationContext(),"Welcome to VCET", Toast.LENGTH_LONG).show();
}
```

Step 7: Run the code

Output:

Before button clicking   After button clicked the toast message is appeared

RESULT:

Thus the implementation of Android Application to display the welcomemessage using toast method has been executed and verified successfully.

Xml file

```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">

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Button"
        android:onClick="enter"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

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

Java file

```java
package com.example.toastmessage;

import androidx.appcompat.app.AppCompatActivity;

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

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }
    public void enter(View view)
    {
      Toast.makeText(getApplicationContext(),"Welcome to VCET", Toast.LENGTH_LONG).show();
    }
}
```