

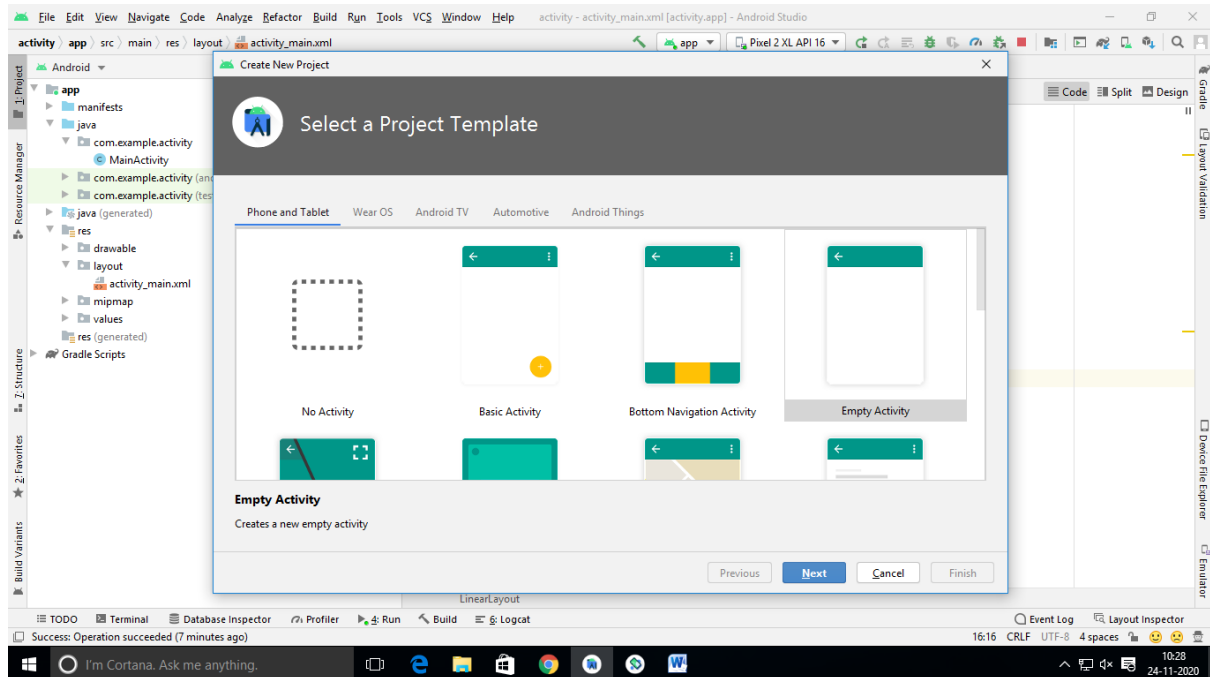
2. Create an application that displays a dialog window using an activity.

Program:

Step-1: go to android studio

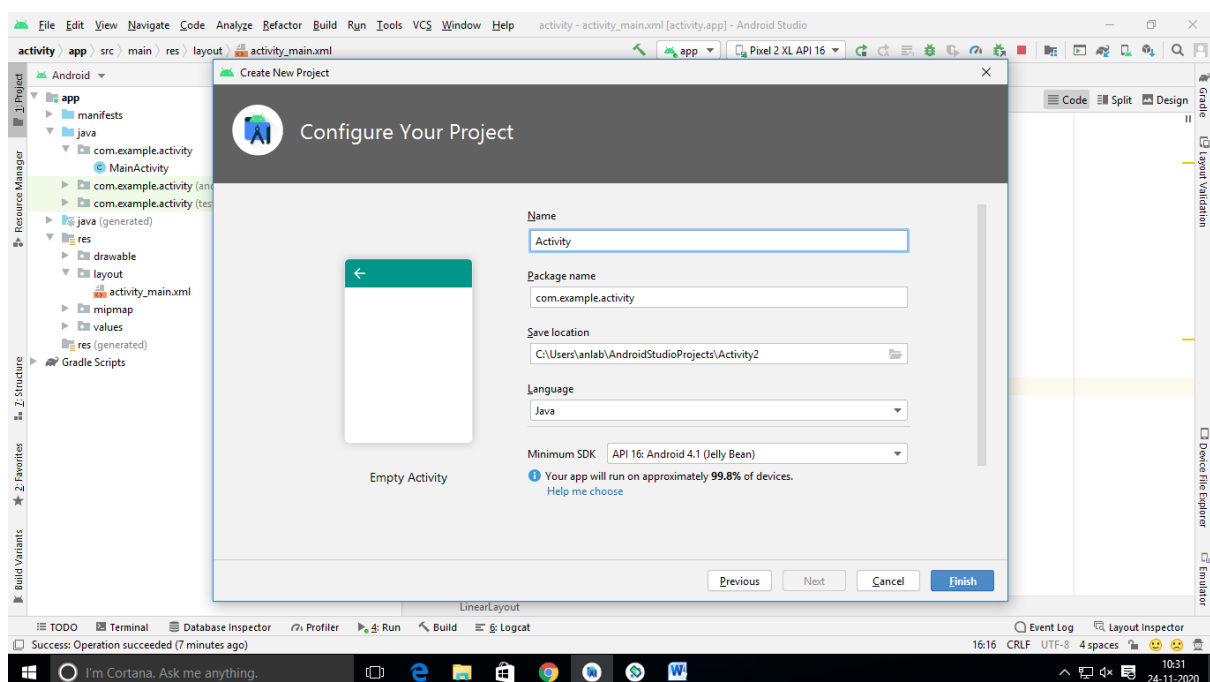
File -> New -> New project

Step-2:



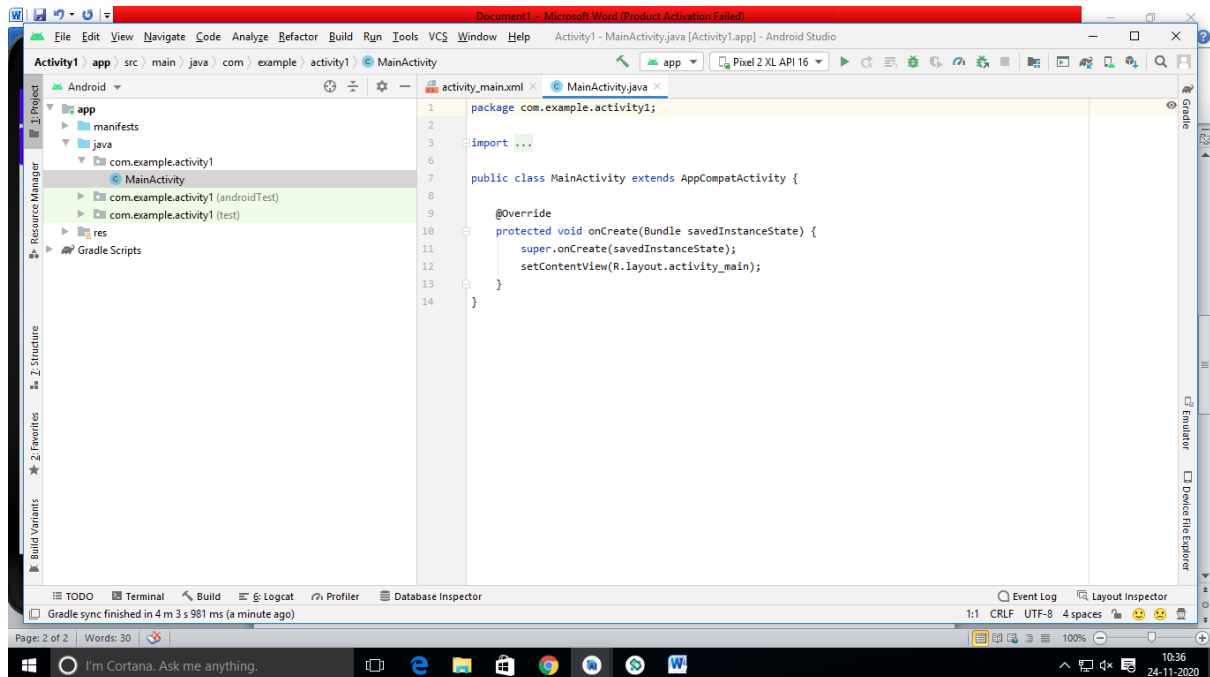
Go to empty activity.

Step-3:



Click on finish.

Step-4:



->Write code on activity\_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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="132dp"
        android:layout_height="72dp"
        android:text="Close app"
        tools:layout_editor_absoluteX="167dp"
        tools:layout_editor_absoluteY="339dp" />
</LinearLayout>
```

->Write code on MainActivity.java

```
package com.example.activity;

import androidx.appcompat.app.AppCompatActivity;
import android.content.DialogInterface;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.app.AlertDialog;
import android.widget.Toast;
import android.os.Bundle;
```

```

public class MainActivity extends AppCompatActivity {
    Button closeButton;
    AlertDialog.Builder builder;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        closeButton = (Button) findViewById(R.id.button);
        builder = new AlertDialog.Builder(this);
        closeButton.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {

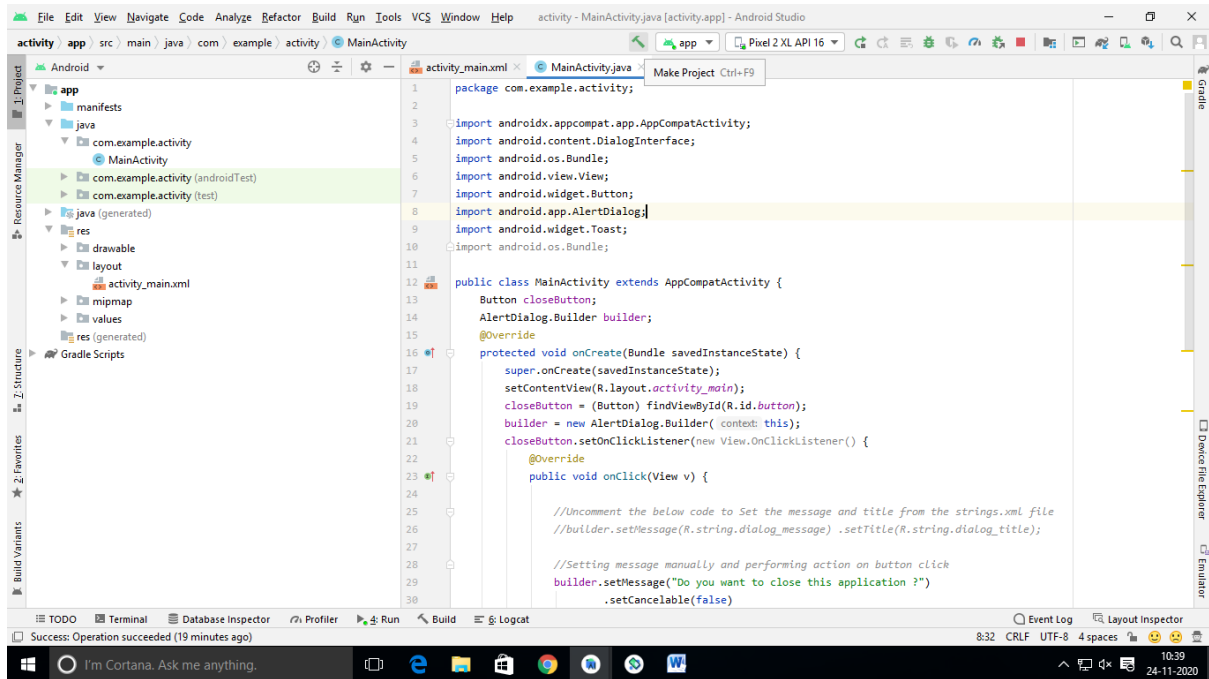
                //Uncomment the below code to Set the message and title from the
strings.xml file
                //builder.setMessage(R.string.dialog_message)
                .setTitle(R.string.dialog_title);

                //Setting message manually and performing action on button click
                builder.setMessage("Do you want to close this application ?")
                    .setCancelable(false)
                    .setPositiveButton("Yes", new
DialogInterface.OnClickListener() {
                        public void onClick(DialogInterface dialog, int id) {
                            finish();
                            Toast.makeText(getApplicationContext(),"you choose
yes action for alertbox",
                                Toast.LENGTH_SHORT).show();
                        }
                    })
                    .setNegativeButton("No", new
DialogInterface.OnClickListener() {
                        public void onClick(DialogInterface dialog, int id) {
                            // Action for 'NO' Button
                            dialog.cancel();
                            Toast.makeText(getApplicationContext(),"you choose
no action for alertbox",
                                Toast.LENGTH_SHORT).show();
                        }
                    });
                //Creating dialog box
                AlertDialog alert = builder.create();
                //Setting the title manually
                alert.setTitle("AlertDialogExample");
                alert.show();
            }
        });
    }
}

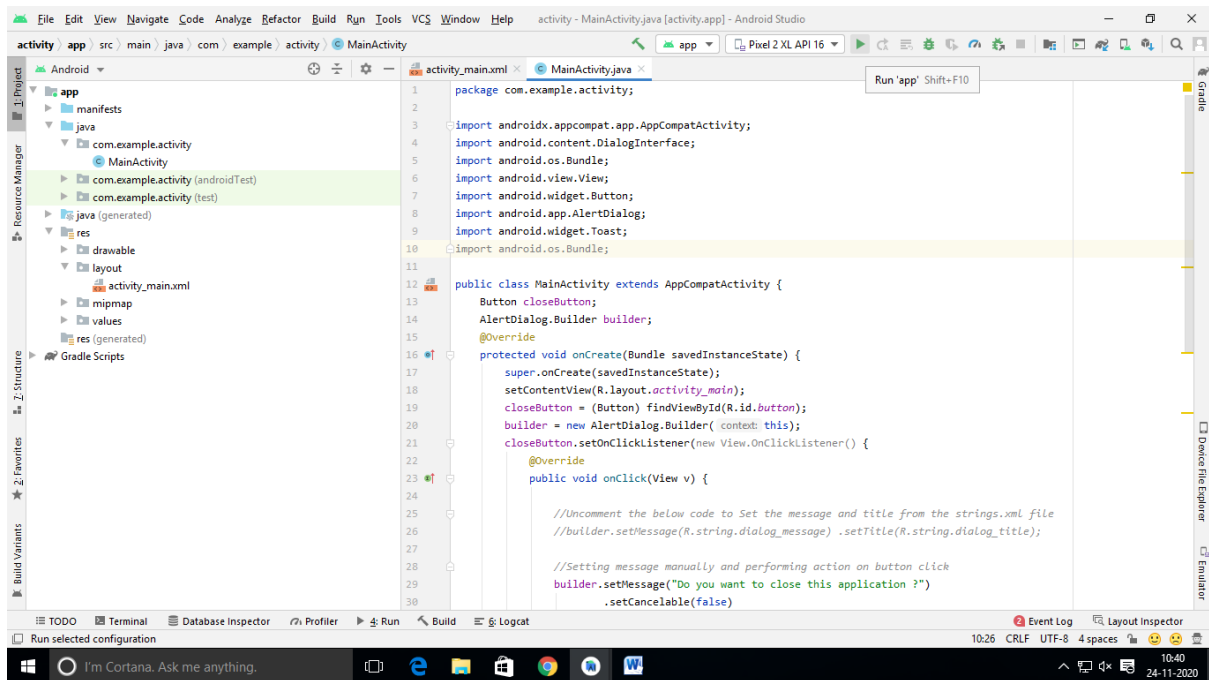
```

Step-5:

Click on debug



Click on run



Step-6:

Outputs:

