## ANDROID MANIFEST

## **ACTIVITY MAIN**

```
?xml version="1.0" encoding="utf-8"?>
KRelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
               android:layout height="match parent">
   <EditText
           android:id="@+id/editTextReqNo"
           android:layout width="match parent"
           android:layout_height="wrap_content"
   <EditText
           android:layout width="match parent"
           android:layout below="@id/editTextRegNo"
   <EditText
           android:layout width="match parent"
           android:layout height="wrap content"
           android:layout below="@id/editTextName"
           android:layout width="match parent"
           android:layout height="wrap content"
```

## MAIN ACTIVITY

```
package com.example.ex7
import android.content.pm.PackageManager
import android.widget.Button
import android.widget.EditText
import android.widget.Toast
import androidx.appcompat.app.AppCompatActivity
import java.io.IOException
class MainActivity : AppCompatActivity() {
   override fun onCreate(savedInstanceState: Bundle?) {
       super.onCreate(savedInstanceState)
       setContentView(R.layout.activity main)
       val editTextRegNo = findViewById<EditText>(R.id.editTextRegNo)
            if (checkSelfPermission(Manifest.permission.WRITE EXTERNAL STORAGE) !=
PackageManager. PERMISSION GRANTED) {
requestPermissions(arrayOf(Manifest.permission.WRITE EXTERNAL STORAGE),
                saveDataToFile(editTextRegNo.text.toString(),
editTextName.text.toString(), editTextCGPA.text.toString())
        buttonLoad.setOnClickListener {
           loadDataFromFile()
   private fun saveDataToFile(regNo: String, name: String, cgpa: String) {
       val directory = Environment.getExternalStorageDirectory()
```

```
fileWriter.append("$regNo, $name, $cgpa\n")
            fileWriter.flush()
            fileWriter.close()
Toast.LENGTH SHORT).show()
        val directory = Environment.getExternalStorageDirectory()
                stringBuilder.append(line).append("\n")
            Toast.makeText(this, stringBuilder.toString(),
Toast.LENGTH LONG) .show()
           Toast.makeText(this, "File not found", Toast.LENGTH SHORT).show()
   override fun onRequestPermissionsResult(requestCode: Int, permissions:
Array<out String>, grantResults: IntArray) {
       super.onRequestPermissionsResult(requestCode, permissions, grantResults)
        if (requestCode == REQUEST_WRITE_EXTERNAL_STORAGE_PERMISSION) {
           if (grantResults.isNotEmpty() && grantResults[0] ==
PackageManager.PERMISSION GRANTED) {
```