

Activity_main.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">

    <EditText
        android:id="@+id/editText2"
        android:layout_width="383dp"
        android:layout_height="52dp"
        android:layout_marginTop="35dp"
        android:ems="10"
        android:hint="Enter Filename"
        android:inputType="textPersonName"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.571"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/textView2" />

    <TextView
        android:id="@+id/textView2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="100dp"
        android:fontFamily="@font/cantora_one"
        android:text="External Storage"
        android:textColor="#05396b"
        android:textSize="34sp"
        android:textStyle="bold"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginBottom="250dp"
        android:textColor="#edf5e0"
        android:textSize="24sp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent" />

    <EditText
        android:id="@+id/editText"
        android:layout_width="383dp"
        android:layout_height="52dp"
        android:layout_marginTop="35dp"
        android:ems="10"
        android:hint="Enter Data"
        android:inputType="textPersonName"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/editText2" />

    <Button
        android:id="@+id/button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
```

```
        android:layout_marginTop="35dp"
        android:backgroundTint="#05396b"
        android:text="Save Information"
        android:textColor="#edf5e0"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/editText" />
```

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

MainActivity.java-

```
package com.madlab.externalstorage;

import androidx.appcompat.app.AppCompatActivity;
import androidx.core.app.ActivityCompat;

import android.content.Intent;
import android.os.Bundle;
import android.os.Environment;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;
import java.io.File;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.io.IOException;

public class MainActivity extends AppCompatActivity {
    EditText editText,editText2;
    FileOutputStream fstream;
    TextView textView;
    Button button;
    Intent intent;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        editText = (EditText) findViewById(R.id.editText);
        editText2 = (EditText) findViewById(R.id.editText2);
        textView = (TextView) findViewById(R.id.textView);
        button = (Button) findViewById(R.id.button);

        button.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String username = editText2.getText().toString()+"\n";
                String password = editText.getText().toString();
                try {
                    ActivityCompat.requestPermissions(MainActivity.this, new
String[]{android.Manifest.permission.READ_EXTERNAL_STORAGE},23);
                    File folder =
Environment.getExternalStoragePublicDirectory(Environment.DIRECTORY_DOWNLOADS);
                    File myFile = new File(folder,"user_details");
                    fstream = new FileOutputStream(myFile);
                    fstream.write(username.getBytes());
                    fstream.write(password.getBytes());
                    fstream.close();
                    Toast.makeText(getApplicationContext(), "Details Saved in
"+myFile.getAbsolutePath(),Toast.LENGTH_SHORT).show();
                    intent = new
```

```
Intent (MainActivity.this, ViewInformationActivity.class);  
    startActivity(intent);  
    } catch (FileNotFoundException e) {  
        e.printStackTrace();  
    } catch (IOException e) {  
        e.printStackTrace();  
    }  
    }  
    }  
    }  
}
```

Output-

