MainActivity.java

```java
package com.adib.a73labtaask;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.content.IntentFilter;
import android.os.Bundle;

public class MainActivity extends AppCompatActivity {
    private cReceiver cusReceiver = new cReceiver();

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        IntentFilter intentFilter = new IntentFilter();
        intentFilter.addAction(Intent.ACTION_HEADSET_PLUG);
        this.registerReceiver(cusReceiver, intentFilter);
    }

    @Override
    protected void onDestroy() {
        this.unregisterReceiver(cusReceiver);
        super.onDestroy();
    }
}
```

cReceiver.java

```java
package com.adib.a73labtaask;

import android.content.BroadcastReceiver;
import android.content.Context;
import android.content.Intent;
import android.widget.Toast;

public class cReceiver extends BroadcastReceiver {

    @Override
    public void onReceive(Context context, Intent intent) {
        String intentAction = intent.getAction();
        if (intentAction != null){
            Toast.makeText(context,  text: "Headset plugged or unplugged", Toast.LENGTH_LONG).show();
        }
    }
}
```

7.3 lab taask

Headset test!

For check used mobile for real time checking

7.3 lab taask

Hello World!

Headset plugged or unplugged

7.3 lab taask

Headset test!

Headset plugged or unplugged

7.3 lab taask

Headset test!

Headset plugged or unplugged