

## **PROGRAM NO :5**

**AIM:** Develop an application that uses ArrayAdapter with ListView.

### **PROGRAM CODE:**

Mainactivity.java	<pre>package com.example.array_adapter;  import androidx.appcompat.app.AppCompatActivity;  import android.os.Bundle; import android.view.View; import android.widget.AdapterView; import android.widget.ArrayAdapter; import android.widget.ListAdapter; import android.widget.ListView; import android.widget.Toast;  public class MainActivity extends AppCompatActivity {      @Override     protected void onCreate(Bundle savedInstanceState) {         super.onCreate(savedInstanceState);         setContentView(R.layout.activity_main);          ListView list=findViewById(R.id.list);          String[] item= new String[]{"Netflix","Prime video","Hotstar","Hulu","Hbomax","Viki","Youtube","Vimeo"};</pre>
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```
        ArrayAdapter<String> myAdapter =new
        ArrayAdapter<String>(MainActivity.this,
        android.R.layout.simple_list_item_1,item);

        list.setAdapter(myAdapter);

        list.setOnItemClickListener(new
        AdapterView.OnItemClickListener() {

            @Override

            public void onItemClick(AdapterView<?> parent, View
            view, int position, long id) {

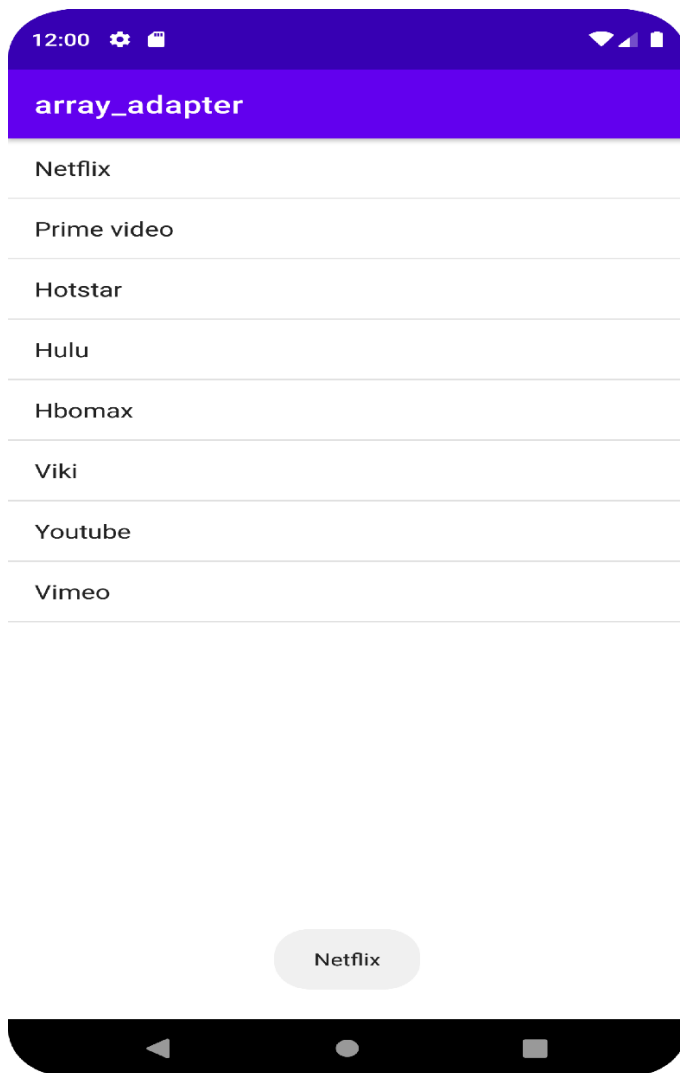
                String item_name=item[position];

                Toast.makeText(MainActivity.this,item_name,Toast.LENGTH_LONG).show(
                );

            }

        });
    }
}
```

## OUTPUT:



## RESULT

Program Has Been Succesfully Executed And Output Is Obtained.