

## Screen – 1 XML Listview

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="vertical" android:layout_width="match_parent"
    android:layout_height="match_parent">
    <ListView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/l1"/>

    <Button
        android:id="@+id/btnStart"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:onClick="start"
        android:layout_marginLeft="130dp"
        android:layout_marginTop="150dp"
        android:text="Start Service"/>
</LinearLayout>
```

## Screen-1 Kotlin

```
class MainActivity : AppCompatActivity() {
    var array = arrayOf("MCA", "MBA", "ME", "M.SC", "BE", "BTech", "B.Sc")
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)
        val l:ListView = findViewById(R.id.l1)
        val arrayAdapter : ArrayAdapter<*> = ArrayAdapter(this,
            android.R.layout.simple_list_item_checked, array)
        l.adapter = arrayAdapter
        l.setOnItemClickListener { parent,
            view, position, id ->
                val i = l.getItemAtPosition(position) as String
                Toast.makeText(applicationContext,"Position : $position\nItem
Value:$i", Toast.LENGTH_LONG).show()
            }
        }

        fun start(view: View?) {
            val nextScreen = Intent(this,MainActivity2::class.java)
            startActivity(nextScreen)
        }
    }
}
```

## Screen – 2 XML AutoCompleteTextView

```
<?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">

```

```

        <AutoCompleteTextView
            android:id="@+id/ac"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginBottom="100dp"
            android:layout_marginTop="20dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintLeft_toLeftOf="parent"
            app:layout_constraintRight_toRightOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            android:text=""
            android:hint="Type here"
        />

```

```

    </androidx.constraintlayout.widget.ConstraintLayout>

```

## Screen -2 Kotlin

```

class MainActivity2 : AppCompatActivity() {
    var array= arrayOf("India",
        "USA","Austria","Australia","UK","Italy","Ireland","Africa")
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main2)
        var arrayAdapter: ArrayAdapter<*> = ArrayAdapter(this,
            android.R.layout.simple_dropdown_item_1line, array)
        var m:AutoCompleteTextView = findViewById(R.id.ac)
        m.setAdapter(arrayAdapter)
        m.threshold = 1

        m.setOnItemClickListener =
            OnItemClickListener { parent, view, position, id ->
                val x = parent.getItemAtPosition(position).toString()
                Toast.makeText(applicationContext, x,
                    Toast.LENGTH_LONG).show()
            }
    }
}

```