MainActivity.kt

```kotlin
class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main4)


        var lv = findViewById<ListView>(R.id.LV1)
        var items = ArrayList<String>()
        items.add("Python Programming")
        items.add("Data Science")
        items.add("Machine Learning")
        items.add("Artificial Intelligence")
```

```kotlin
        val desc = arrayOf("Learn the fundamentals of Python programming
language.",
            "Explore the world of data science and learn how to analyze and
interpret data.",
            "Discover the principles and algorithms behind machine
learning.",
            "Dive into the exciting field of artificial intelligence and its
applications."
        )
        // each item in this array must be assigned to a text view in list
view
        var adapter = ArrayAdapter(this,
android.R.layout.simple_list_item_1,items)

        lv.adapter = adapter
        lv.onItemClickListener = object : AdapterView.OnItemClickListener {
            override fun onItemClick(
                parent: AdapterView<*>?,
                view: View?,
                position: Int,
                id: Long
            ) {

Toast.makeText(this@MainActivity,desc[position].toString(),Toast.LENGTH_SH
ORT).show()
            }
        }
    }
}
```

activity_main.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:layout_gravity="center">

    <ListView
        android:id="@+id/LV1"
        android:layout_width="wrap_content"
        android:layout_height="444dp" />

<!--    <LinearLayout-->
<!--        android:layout_width="wrap_content"-->
<!--        android:layout_height="wrap_content">-->
<!--    <EditText-->
<!--        android:layout_width="wrap_content"-->
<!--        android:layout_height="wrap_content"-->
<!--        android:id="@+id/ET1"-->
<!--        android:hint="Item name"-->
<!--        />-->
<!--    <Button-->
<!--        android:id="@+id/BT1"-->
```

```xml
<!--         android:layout_width="wrap_content"-->
<!--         android:layout_height="wrap_content"-->
<!--         android:text="Add" />-->
<!--     </LinearLayout>-->


</LinearLayout>
```