

RecyclerviewAdapter

```
package com.example.database_curd_sqlite

import android.view.LayoutInflater
import android.view.View
import android.view.View.OnClickListener
import android.view.ViewGroup
import android.widget.EditText
import android.widget.TextView
import
androidx.recyclerview.widget.RecyclerView
import
com.example.database_curd_sqlite.database
.customer

class reyclerAdaptr(private val
customerlist:List<customer>)
:RecyclerView.Adapter<reyclerAdaptr.viewholder>() {
    private var onClickListener:
OnClickListener? = null
    class viewholder(custview : View) :
RecyclerView.ViewHolder(custview)
    {
        var
txtid:TextView=custview.findViewById(R.id
.txtid)
        val txtname: TextView
=custview.findViewById(R.id.txtname)
        val txtano: TextView
=custview.findViewById(R.id.txtacno)
    }
```

```

        override fun
onCreateViewHolder(parent: ViewGroup,
viewType: Int): viewholder {
    val view=
LayoutInflater.from(parent.context)
        .inflate(R.layout.itemview,
parent, false)
    return viewholder(view)
}

override fun getItemCount(): Int {
    return customerlist.count()
}

override fun onBindViewHolder(holder:
viewholder, position: Int) {
    val
custlistmodel=customerlist[position]

holder.txtid.text=custlistmodel.id.toStri
ng()

holder.txtname.text=custlistmodel.name.to
String()

holder.txtano.text=custlistmodel.acno.toS
tring()

holder.itemView.setOnClickListener{
    if(onClickListener !=null)
    {

```

```

onClickListener!!.onClick(position, custli
stmodel)
        }
    }
}
// A function to bind the
onClickListener.
fun
setOnClickListener(onClickListener:
OnClickListener) {
    this.onClickListener =
onClickListener
}

// onClickListener Interface
interface OnClickListener {
    fun onClick(position: Int, model:
customer)
    }
}

```

MainActivity.kt

```

package com.example.database_curd_sqlite

import android.content.Intent
import android.database.Cursor
import
androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.view.View
import android.widget.Button
import
androidx.recyclerview.widget.LinearLayout
Manager

```

```

import
androidx.recyclerview.widget.RecyclerView
import
com.example.database_curd_sqlite.database
    .customer
import
com.example.database_curd_sqlite.database
    .databasehelper

class MainActivity : AppCompatActivity()
{
    override fun
onCreate(savedInstanceState: Bundle?) {

super.onCreate(savedInstanceState)

setContentView(R.layout.activity_main)
        var rey=findViewById(R.id.recycle1)
as RecyclerView

rey.layoutManager=LinearLayoutManager(this)

        var
databasehelper:databasehelper=
databasehelper(this)
        var cursor:Cursor?=null

cursor=databasehelper.viewcustomer()
        var listcust=
ArrayList<customer>()

        if(cursor.moveToFirst())
        {
            while(cursor.moveToNext())

```

```

        {

listcust.add(customer(cursor.getInt(0), cursor.getString(1), cursor.getString(2)))
        }
    }
    var
adaptr=recyclerAdaptr(listcust)
    rey.adapter=adaptr
    adaptr.setOnClickListener(object
: recyclerAdaptr.OnClickListener
    {
        override fun
onClick(position: Int, model: customer) {

intent=Intent(this@MainActivity, MainActivity2::class.java)

intent.putExtra("id", model.id)
                startActivity(intent)

        }

    }
)

    val
btnadd=findViewById(R.id.btnadd) as
Button

btnadd.setOnClickListener(View.OnClickListener {

        intent=

```

```
Intent(this, MainActivity2::class.java)
        startActivity(intent)
    })

}
```