643020395-9 พรภวิษย์ ทยคมใหม่ Sec 2 IT

DataClass

```
import com.google.gson.annotations.Expose
import com.google.gson.annotations.SerializedName

data class Employee(
    @Expose
    @SerializedName("emp_name") val emp_name:String,

    @Expose
    @SerializedName("emp_gender") val emp_gender:String,

    @Expose
    @SerializedName("emp_email") val emp_email:String,

    @Expose
    @SerializedName("emp_email") val emp_email:String,

    @Expose
    @SerializedName("emp_salary") val emp_salary:String
)
```

class EmployeeAdptor

```
import Employee
import android.content.Context
import android.content.Intent
import android.view.LayoutInflater
import android.view.LayoutInflater
import android.view.LayoutInflater
import android.view.WiewGroup
import android.recyclerview.widget.RecyclerView
import com.example.ass8mysql.databinding.EmpItemLayoutBinding

class EmployeeAdptor (val employList: ArrayList<Employee>?, val context:
Context): RecyclerView.Adapter<EmployeeAdptor.ViewHolder>(){
    class ViewHolder(view: View, val binding: EmpItemLayoutBinding):
RecyclerView.ViewHolder(view) {
    }
    override fun onCreateViewHolder(parent: ViewGroup, viewType: Int):
ViewHolder {
        val binding =
EmpItemLayoutBinding.inflate(LayoutInflater.from(parent.context), parent,
false)
        return ViewHolder(binding.root, binding)
    }
    override fun getItemCount(): Int {
        return employList!!.size
    }
    override fun onBindViewHolder(bolder: ViewHolder, position: Int) {
        val binding = holder.binding
```

EmployeeApi

InsertActivity

```
import Employee
import androidx.appcompat.app.AppCompatActivity
import android.os.Bundle
import android.widget.Toast
import com.example.ass8mysql.databinding.ActivityInsertBinding
import retrofit2.Call
import retrofit2.Callback
import retrofit2.Response
import retrofit2.Response
import retrofit2.Recrofit
import retrofit2.converter.gson.GsonConverterFactory

class InsertActivity : AppCompatActivity() {
    private lateinit var bindingInsert : ActivityInsertBinding
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        bindingInsert = ActivityInsertBinding.inflate(layoutInflater)
        setContentView(bindingInsert.root)
        //Add Button
```

```
bindingInsert.btnAdd.setOnClickListener{
    bindingInsert.btnReset.setOnClickListener{
private fun addEmployee() {
    val api: EmployeeAPI = Retrofit.Builder()
        .build()
        .create(EmployeeAPI::class.java)
        bindingInsert.edtName.text.toString(),
        bindingInsert.edtEmail.text.toString(),
        bindingInsert.edtSalary.text.toString().toInt()
    ).enqueue(object : Callback<Employee>{
            call : Call<Employee>,
                    Toast.LENGTH SHORT).show()
            Toast.makeText(
```

```
private fun resetEmployee(){
        bindingInsert.edtName.text?.clear()
        bindingInsert.edtGender.clearCheck() // Use edtGender instead of

Gender
        bindingInsert.edtEmail.text?.clear()
        bindingInsert.edtSalary.text?.clear()
}
```

MainActivity

```
import Employee
import retrofit2.Call
import retrofit2.Retrofit
import retrofit2.converter.gson.GsonConverterFactory
class MainActivity : AppCompatActivity() {
        super.onCreate(savedInstanceState)
       setContentView(binding.root)
   override fun onResume() {
```

```
private fun callStudentData() {
        val serv: EmployeeAPI = Retrofit.Builder()
            .build()
            .create(EmployeeAPI::class.java)
        serv.retrieveStudent()
            .enqueue(object : Callback<List<Employee>> {
                override fun onResponse (
                    response: Response<List<Employee>>
studentList.add(Employee(it.emp name,it.emp gender,it.emp email,it.emp salary
                override fun onFailure(call: Call<List<Employee>>, t:
```

activity_insert.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:padding="20dp">
    <ImageView android:id="@+id/imageView1"
        android:layout_width="150dp"
        android:layout_height="150dp"
        android:layout_marginLeft="100dp"
        android:src="@drawable/employee"/>
        <com.google.android.material.textfield.TextInputLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        style="@style/Widget.MaterialComponents.TextInputLayout.OutlinedBox"</pre>
```

```
<com.google.android.material.textfield.TextInputEditText</pre>
</com.google.android.material.textfield.TextInputLayout>
<TextView
    <LinearLayout
        <androidx.appcompat.widget.AppCompatRadioButton</pre>
    </LinearLayout>
<com.google.android.material.textfield.TextInputLayout</pre>
    android:layout width="match parent"
        android:inputType="text"
        android:textSize="20sp"/>
</com.google.android.material.textfield.TextInputLayout>
<com.google.android.material.textfield.TextInputLayout</pre>
    android:layout width="match parent"
```

Activity main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:padding="10dp"
    tools:context=".MainActivity">
    <TextView
        android:id="@+id/txtList"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Employee Information"
            android:textSize="25sp"
            android:textStyle="bold"
            android:textColor="#4e6cef"
            android:layout_marginTop="30dp"/>
    <androidx.appcompat.widget.AppCompatImageView
            android:id="@+id/btnEmployee"
            android:layout_width="wrap_content"
            android:spout_width="wrap_content"
            android:spout_height="wrap_content"
            android:spout_height="wrap_content"
            android:padding="10dp"
            android:background="#fff176"
            android:layout_alignParentRight="true"/>
```

Activity_item_layout.xml

```
android:orientation="vertical">
    android:layout width="wrap content"
   android:layout marginTop="15dp" />
<TextView
```



