The app consists of 3 layers which are:

1- Model.
2- ViewModel.
3- View.

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Model:

CounterModel.java:

Properties:

```
 int count
```

Methods:

```
void incrementCount()
```

it increases the count

```
int getCount()
```

returns the value of the count

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ViewModel:

MainViewModel.java:

Properties:

```
MutableLiveData<CounterModel> counterModelMutableLiveData

CounterModel countermodel
```

Methods:

```
MutableLiveData<CounterModel> getCounterValue()
```

It returns the `counterModelMutableLiveData` object when called.

```
onClick(View view)
```

It handles the event of the increment button clicking by calling the incrementCount() method via countermodel object and then setting the value of it on the `counterModelMutableLiveData` object.

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View:

MainActivity.Java:

It has an object from the MainViewModel class and from the auto generated class which is called ActivityMainBinding.

We initialize the MainViewModel object with ViewModelProviders and the ActivityMainBinding then we set the lifeCycleOwner and MainViewModel on it .

After that we call the getCounterValue() .observe(this, new Observer<CounterModel>() and implement the onChanged() method and on it we call the getCount() method to get the count value and set it on the text view and all that by DataBinding.