

To enable two way data binding to a input field like EditText,.we need to do a little syntax change , we have to add equals sign to the expression like this.

```
<EditText
    android:id="@+id/etName"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@={contact.name}"
    android:textSize="20sp"
    android:layout_marginStart="8dp"
    android:layout_marginLeft="8dp"
    android:layout_marginTop="8dp"
    android:layout_marginEnd="8dp"
    android:layout_marginRight="8dp"
    android:layout_marginBottom="8dp"
    android:ems="10"
    android:inputType="textPersonName"
    app:layout_constraintBottom_toBottomOf="parent"
```

And remember this, to use two way data binding the entity class we are using should also support to it.

To make this Contact class supportive, we should make it a subclass of BaseObservable.

```
public class Contact extends BaseObservable {  
  
    private int id;  
    private String name;  
    private String email;  
  
    public Contact(String name, String email) {  
        this.name = name;  
        this.email = email;  
    }  
}
```

and we also need to annotate getter methods with “Bindable”

```
@Bindable
public int getId() { return id; }

public void setId(int id) {
    this.id = id;
    notifyPropertyChanged(BR.id);
}
```

```
@Bindable
public String getName() { return name; }

public void setName(String name) {
    this.name = name;
    notifyPropertyChanged(BR.name);
}
```

We should include notifyPropertyChanged method calls to all setter method.

(The BR class is a generated class by the data binding library, it has generated IDs that are tied to the Bindable annotated fields in the model)

```
@Bindable
public int getId() { return id; }

public void setId(int id) {
    this.id = id;
    notifyPropertyChanged(BR.id);
}

@Bindable
public String getName() { return name; }

public void setName(String name) {
    this.name = name;
    notifyPropertyChanged(BR.name);
}

@Bindable
public String getEmail() { return email; }
```

Thank you for reading.

If you have any question please ask from me (using Q & A or Messages).

I am always happy to support you.

Happy Learning.....

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