

Make your Java code more
awesome in
Kotlin



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Infix notation

```
14  @Override
15  protected void onCreate(Bundle savedInstanceState) {
16      super.onCreate(savedInstanceState);
17      setContentView(R.layout.activity_second);
18
19      Button button = findViewById(R.id.button);
20      button.setOnClickListener((view) -> {
23          Intent intent = new Intent( packageContext: MainActivity.this, MainActivity.class);
24          startActivity(intent);
25          finish();
26      });
28  }
```

```
13  override fun onCreate(savedInstanceState: Bundle?) {
14      super.onCreate(savedInstanceState)
15      setContentView(R.layout.activity_main)
16
17      button onClick {
18          val intent = Intent( packageContext: this, MainActivity::class.java)
19          startActivity(intent) }
20          finish()
21  }
```

Infix notation

```
8  infix fun View.onClick(function: () -> Unit) {  
9  
10     setOnClickListener { function() }  
11  
12 }
```

For loop

```
for (ModelJava.Data data2 : data.getDatalist()) {  
    Log.d( tag: "TAG", data2.getName());  
}  
  
for (int index = 0; index < data.getDatalist().size(); index++) {  
    Log.d( tag: "TAG", data.getDatalist().get(index).getName());  
}
```

```
dataList.datalist.forEach { it: Data  
    println(it.name)  
}  
  
dataList.datalist.forEachIndexed { index, data ->  
    println("${data.name} position: $index")  
}
```

RecyclerView

```
class MyViewHolder extends RecyclerView.ViewHolder {  
  
    private final TextView tvName;  
    private final TextView tvFacility;  
  
    public MyViewHolder(View itemView) {  
        super(itemView);  
        tvName = itemView.findViewById(R.id.tvName);  
        tvFacility = itemView.findViewById(R.id.tvFacilityType);  
    }  
  
    public void bind(ModelJava.Data data) {  
        tvName.setText(data.getName());  
        tvFacility.setText(data.getFacilityType());  
    }  
}
```

```
inner class MyViewHolder(itemView: View): RecyclerView.ViewHolder(itemView) {  
  
    fun bind(data: Data) = with(itemView) { this: View!  
        tvName.text = data.name  
        tvFacilityType.text = data.facilityType  
    }  
}
```