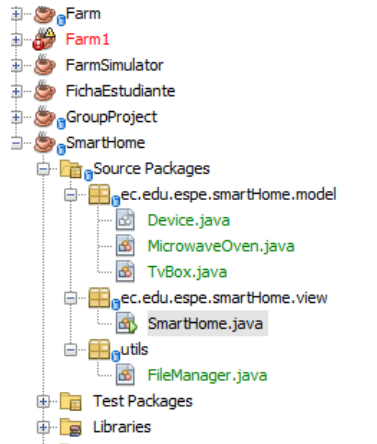


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Course : OOP



Project Explorer showing the structure of the 'SmartHome' project. The 'SmartHome' package contains 'Source Packages' (ec.edu.espe.smarthome.model, ec.edu.espe.smarthome.view, utils) and 'Test Packages'. The 'model' package contains 'Device.java', 'MicrowaveOven.java', and 'TvBox.java'. The 'view' package contains 'SmartHome.java'. The 'utils' package contains 'FileManager.java'.

```

16  * @author Leandro Quinga
17  */
18  public class SmartHome {
19      public static void main(String[] args) {
20          ArrayList<String> channels = new ArrayList<>();
21          TvBox tvBox;
22
23          tvBox = new TvBox(100, 50, channels, 1, "samsung 52 inches", "bedrom", true, 5);
24          String Status = "";
25
26          System.out.println("device class      -->" + tvBox.getClass());
27          System.out.println("Device id      -->" + tvBox.getId());
28          System.out.println("Device Description -->" + tvBox.getDescription());
29
30          if(tvBox.isStatus()){
31              Status = "on";
32          }else{

```

Output - SmartHome (run)

```

Device id      -->1
Device Description -->samsung 52 inches
Device-->TvBoxis-->on
Device volumen-->100
tv is sleeping
set the time for sleeping a TvBox in 20minutes
microwave is sleeping
Sleeping a microwave oven to 20seconds
BUILD SUCCESSFUL (total time: 3 seconds)

```

Activar Windows