



```
(5) import javax. swing. *; import java. out. *;
    public class Vortona)
           Joutan boton = new JButton (dict);
           I Frame vortoa: new I Frame (Ventona);
         public Ventona ()}
              Vertona set Size (300,300);
                                                                     Falta
             ventora set Default close Operation ( ) From ... )
                                                                             boton. add Action Listener (new Oyente ());
             vertona set Visible(tre);
                                                                               por acopto la occió del boto y
        private class Oyente implements ActionListenes;
                                                                           acceder al metodo
          @Overide
            public void action Performed (Action Evente)}
               Jaption Pone. show Message Dialog (nul), "hola"); (
 (D) class Device }
         public road print()}
         Sout (Derice class); {
    class Electronic device extens Dance)
         public void print ())
Sout (Flectronic Closs); {
    class Televius externs Flortranic Device)
         public ugid print ()}
         Sout (Toler scon); (
   public class Main?
public static void main (Stringer orgs))
       Donce of = new Davice [3];
       d[0]= new Dance ();
d[1]= new Electronic Device();
       d[2] = new Tolevision ();
        for (inti=0;i23;i+1) Bien hecho, imprime
                                                        d[0] = Device class
              d[1]. print(); {
                                                       dE17: Electronic Dence class
                                                   > d[2]: Tolenson class
                                     Todasheredon
```

```
· import java. U.l. ArrayLut;
                                      class Dence }
                                          int rumiD;
                                         public void print ()}
                                          Sout (Device class); (
                                        Davonde
                                        public boolen equels (abject obj)}
                                           if (obj instace of Device)}
                                             Device d = (Dance) obji
                                             if (this. num ID = = 0. num ID)}
                                               return tre; 1
                                           return false
                                      class Electronic Device extens Device )
                                           public void print() }
Sout (Flect Devoe class), (
                                       class Television extens Electronic Device }
                                            public void print();
Jout (1 Toler. class);(
                                            public void prote()}
sout(2 Toler. class);
                                           public varaprint (inti) &
                                              for (int)=0;j<i;j+t))
Sout (TVclass);
                                                                                   (10)
                                                  public class Man }
 public dass Main }
                                                   public static Low man (String Dogs)
                                                                                           public class Main}
    public static void main (String (1 ogs))
                                                    Device d[] = new Davice[3);
                                                                                             public states void man (String [] ogs)
ArrayListable Da. , A = nem ArrayListable Das;
                                                   O[1]: new Device();
O[1]: Flections Device();
O[2]: new Televisor();
                                                                                               ArrayList to new Array List 0;
                                                                                              A. add (new Device ());
A. add (new Device ());
  A add (new Derce));
                                                   Dence 02E): new Dence [3]
 A. add (now Efec Dancel);
                                                                                              A. add (new Toler sion 0);
                                                   d2LO)=new Devce();
 A. add (new Tolevision ());
                                                   02[1] = new Electronic Device();
                                                                                              A. get (1). prud(); (
A. get (1) proof ();
                                                  d2[2] = new Television D)
5 Según la IA no hay error, poo sokolora
                                                  if (0503== 62501)}
                                                                                           No se prede uso, ya que accede al
                                                     Sout( 0[0] == 62503); (
                                                                                          print de Deuce pero debeta ira
Supongo que diva que no se puede meter
                                                                                          Flat Device
una clase padre (Device) donto de una
                                                                                           Soucion ((Flechona Dance) A. get (1)). part();
hija (Elec. Device)
                                                      (5 Nothing appears on
                                                                                                          Casting!!!
                                                  the screen.
                                                   Prieta con
                                                     (d[2].equals(d2[2]))
                                                   Can d== d2 tampoco
```