

when **btnModeAuto** .Click

do call **BluetoothClient1** .SendText

text " MODE:AUTO\n "

set **btnFanOn** . Enabled to **false**

set **btnFanOff** . Enabled to **false**

set **btnRoofOpen** . Enabled to **false**

set **btnRoofClose** . Enabled to **false**

set **lblModo** . Text to " AUTOMÁTICO "

when **btnModeManual** .Click

do call **BluetoothClient1** .SendText

text " MODE:MANUAL\n "

set **btnFanOn** . Enabled to **true**

set **btnFanOff** . Enabled to **true**

set **btnRoofOpen** . Enabled to **true**

set **btnRoofClose** . Enabled to **true**

set **lblModo** . Text to " MANUAL "

when ListPicker1 .BeforePicking

do set ListPicker1 . Elements to BluetoothClient1 . AddressesAndNames

when ListPicker1 .AfterPicking

do if call BluetoothClient1 .Connect
address ListPicker1 . Selection
then set Clock1 . TimerEnabled to true

when btnFanOn .Click

do call BluetoothClient1 .SendText
text " FAN:ON\n "

when btnFanOff .Click

do call BluetoothClient1 .SendText
text " FAN:OFF\n "

when **btnRoofOpen** .Click

do **call** **BluetoothClient1** .SendText

text **ROOF:OPEN\n**

when **btnRoofClose** .Click

do **call** **BluetoothClient1** .SendText

text **ROOF:CLOSE\n**

```
when [BluetoothClient1 • IsConnected •]
then [if [BluetoothClient1 • BytesAvailableToReceive >= 0] •]
then [initiate local [dados] to [call [BluetoothClient1 • ReceiveText] numberOfBytes [4]]]
in [if [contains • text [get [dados]] piece [TEMP]] •]
then [set [btTemp • Text] to [join [select list item [list] [split [text [get [dados]] at [0]] index [2]]]]]
in [if [contains • text [get [dados]] piece [EXTTEMP]] •]
then [set [btTempExt • Text] to [join [select list item [list] [split [text [get [dados]] at [1]] index [2]]]]]
in [if [contains • text [get [dados]] piece [HUM]] •]
then [set [btHum • Text] to [join [select list item [list] [split [text [get [dados]] at [2]] index [2]]]]]
in [if [contains • text [get [dados]] piece [PRESS]] •]
then [set [btPress • Text] to [join [select list item [list] [split [text [get [dados]] at [3]] index [2]]]]]
in [if [contains • text [get [dados]] piece [FAN.ON]] •]
then [set [btEstadoFan • Text] to [ENCENDIDO]]
in [if [contains • text [get [dados]] piece [FAN.OFF]] •]
then [set [btEstadoFan • Text] to [APAGADO]]
in [if [contains • text [get [dados]] piece [ROOF.OPEN]] •]
then [set [btEstadoRoof • Text] to [ABIERTO]]
in [if [contains • text [get [dados]] piece [ROOF.CLOSED]] •]
then [set [btEstadoRoof • Text] to [CERRADO]]
```



Control de vivero



Screen1

CONECTAR BLUETOOTH



MONITOREO EN TIEMPO REAL

Temperatura interna: --

Temperatura externa: --

Humedad: --

Presión: --

Modo: --

Ventilador: --

Techo: --

PANEL DE CONTROL

MODO AUTOMATICO

MODO MANUAL