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when sldClaw .PositionChanged
  thumbPosition
do call BluetoothClient1 .SendText
  text join " C1 "
    get thumbPosition

when sldAxis6 .PositionChanged
  thumbPosition
do call BluetoothClient1 .SendText
  text join " A6 "
    get thumbPosition

when sldAxis5 .PositionChanged
  thumbPosition
do call BluetoothClient1 .SendText
  text join " A5 "
    get thumbPosition

when sldAxis4 .PositionChanged
  thumbPosition
do call BluetoothClient1 .SendText
  text join " A4 "
    get thumbPosition

when sldAxis3 .PositionChanged
  thumbPosition
do call BluetoothClient1 .SendText
  text join " A3 "
    get thumbPosition

when sldAxis2 .PositionChanged
  thumbPosition
do call BluetoothClient1 .SendText
  text join " A2 "
    get thumbPosition

```

```

when btnRun .Click
do if btnSave .Text = " RUN "
  then call BluetoothClient1 .SendText
    text " RUN "
    set btnSave .Text to " PAUSE "
  else if btnSave .Text = " PAUSE "
  then call BluetoothClient1 .SendText
    text " PAUSE "
    set btnSave .Text to " RUN "
  else

when btnReset .Click
do call BluetoothClient1 .SendText
  text " RESET "
  set btnSave .Text to " RUN "

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when btnSave .Click
do call BluetoothClient1 .SendText
  text " SAVE "

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when btnSelectBluetooth .BeforePicking
do set btnSelectBluetooth .Elements to BluetoothClient1 . AddressesAndNames

when btnConnectBluetooth .Click
do if call BluetoothClient1 .Connect
    address btnSelectBluetooth . Selection
then set btnSelectBluetooth .Elements to BluetoothClient1 . AddressesAndNames

if orientation . Selection = " Standing "
then call BluetoothClient1 .SendText
    text " sP "
else if orientation . Selection = " Ceiling Mounted "
then call BluetoothClient1 .SendText
    text " cP "
else call BluetoothClient1 .SendText
    text " wP "

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when Clock1 .Timer
do if BluetoothClient1 . IsConnected
then set lblStatus . Text to " Connected "
    set lblStatus . TextColor to blue
else if not BluetoothClient1 . IsConnected
then set lblStatus . Text to " Disconnected "
    set lblStatus . TextColor to red

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when btnDisconnectBluetooth .Click
do call BluetoothClient1 .Disconnect
set Clock2 . TimerEnabled to true

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when BluetoothClient1 .BluetoothError
functionName message
do call BluetoothClient1 .Disconnect
if not BluetoothClient1 . IsConnected
then set lblStatus . Text to " Disconnected "
    set lblStatus . TextColor to red

```

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when Clock2 .Timer
do if BluetoothClient1 . IsConnected and call BluetoothClient1 .BytesAvailableToReceive > 0
then set lblRobotStatus . Text to call BluetoothClient1 .ReceiveSignedBytes
    numberOfBytes call BluetoothClient1 .BytesAvailableToReceive
if lblRobotStatus . Text = " Done Homing - Ready "
then set Clock2 . TimerEnabled to false

```