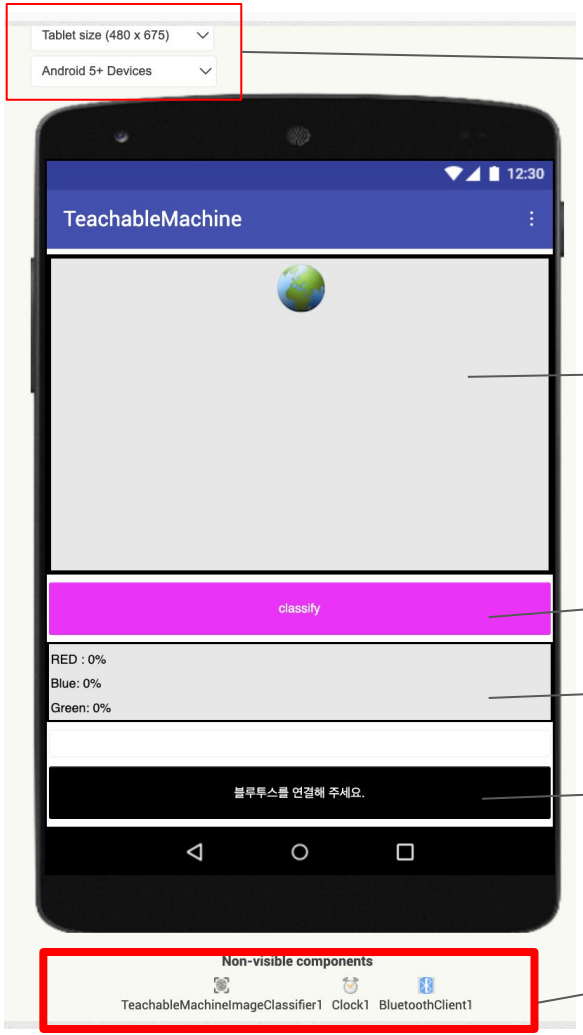


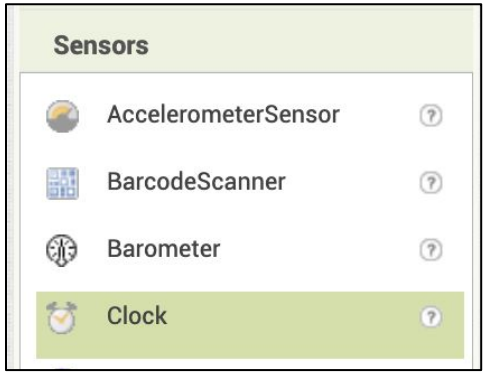
480X675

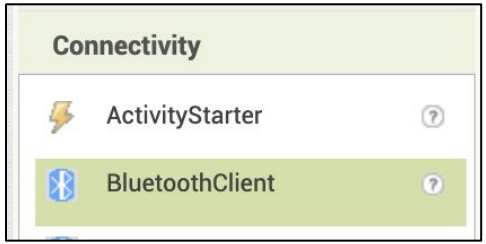
webview

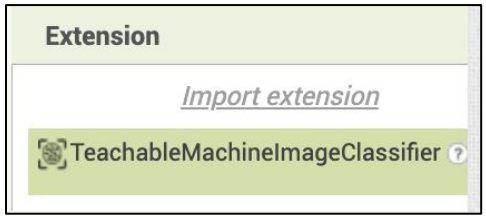
button

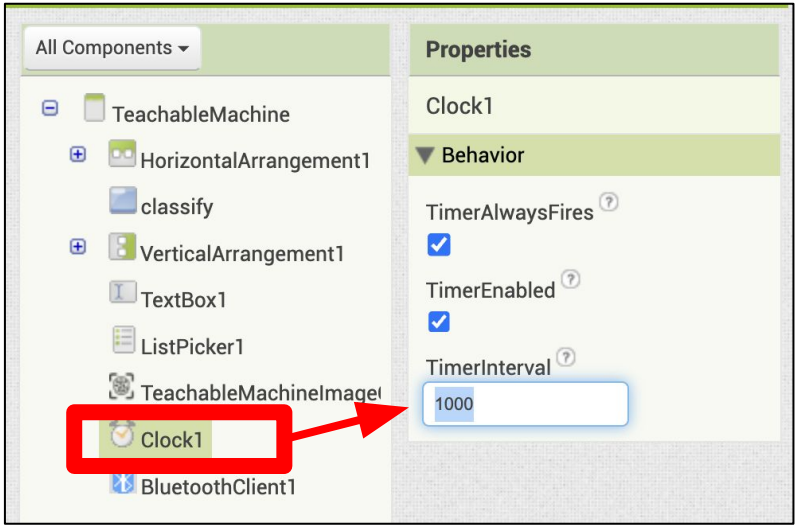
label

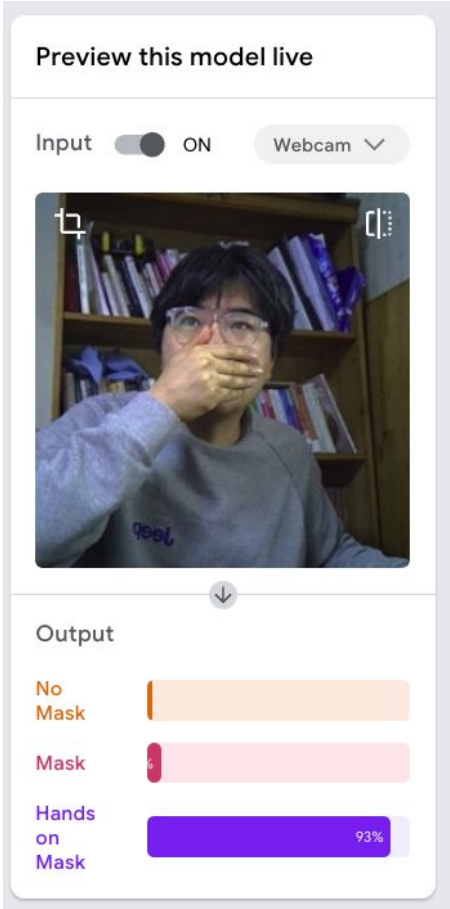
ListPicker





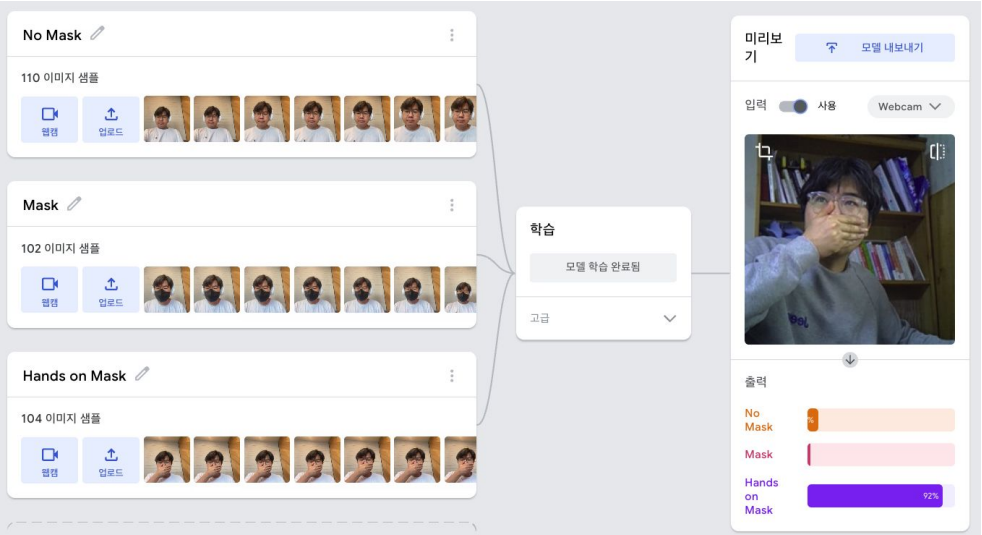


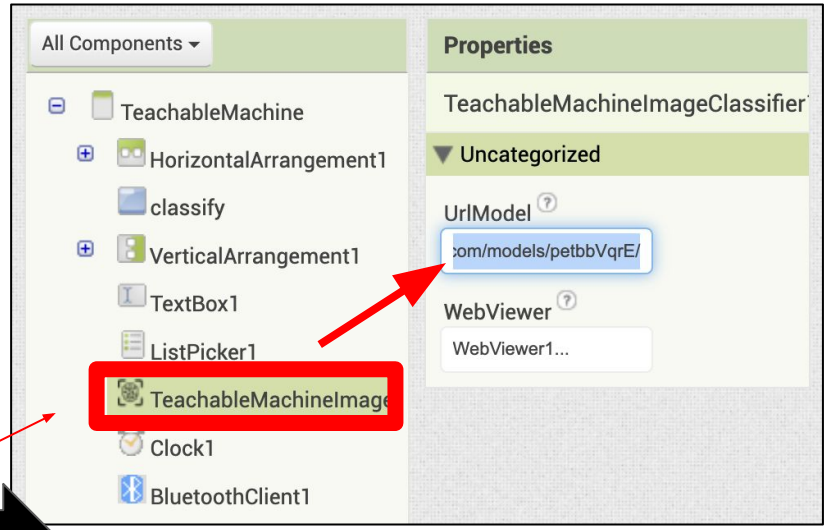




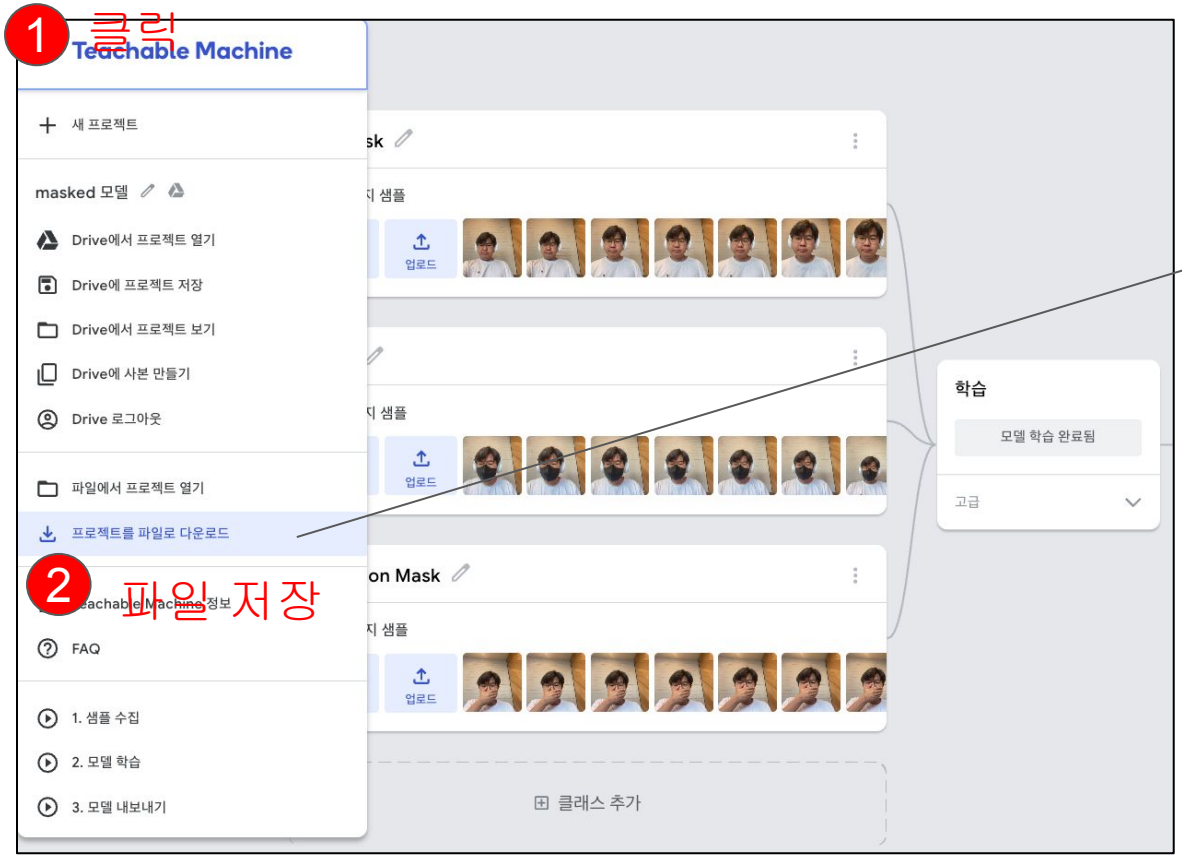
Teachable Machine url에서 읽어오는 속도를 뜻합니다.

1000= 1초 1초마다 AI 모델이 적용합니다.



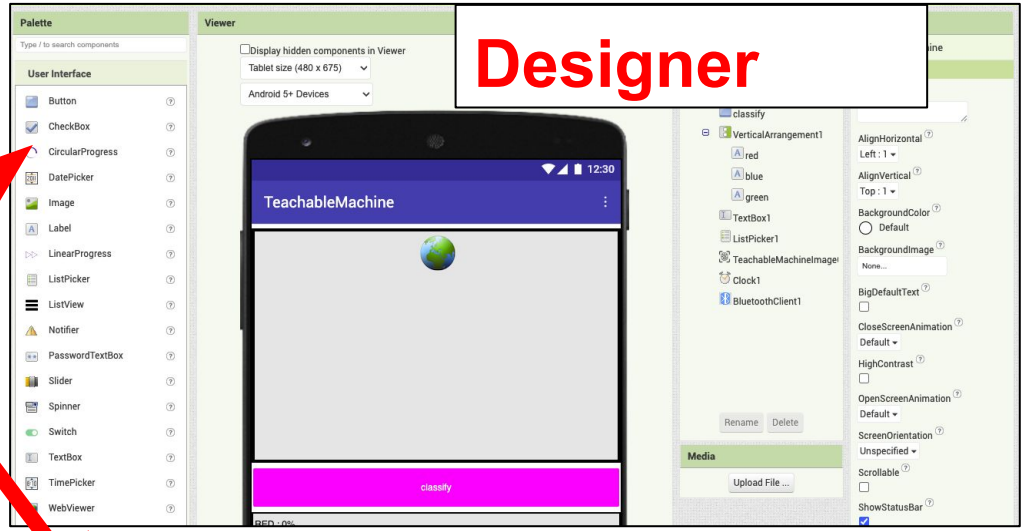


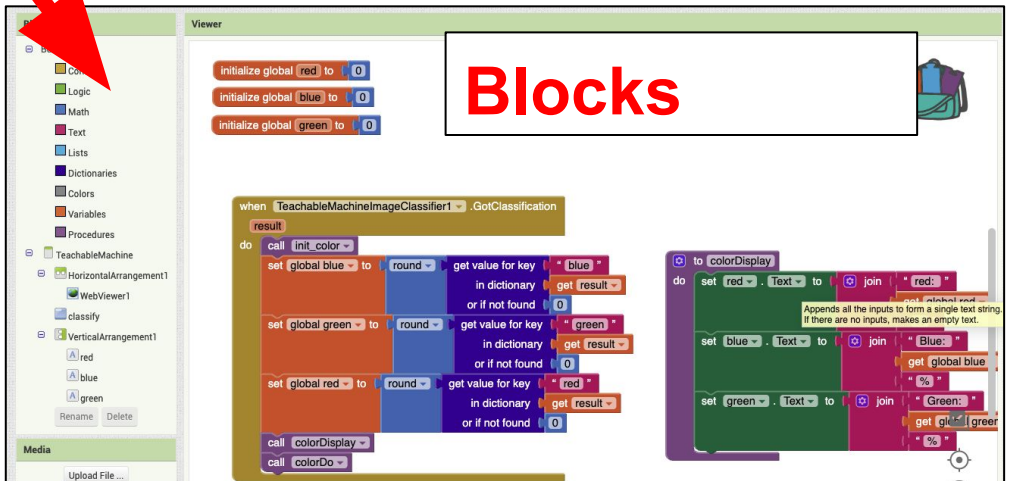
urlModel은 모델 업데이트로 공유 가능한 부분입니다.ㅇ



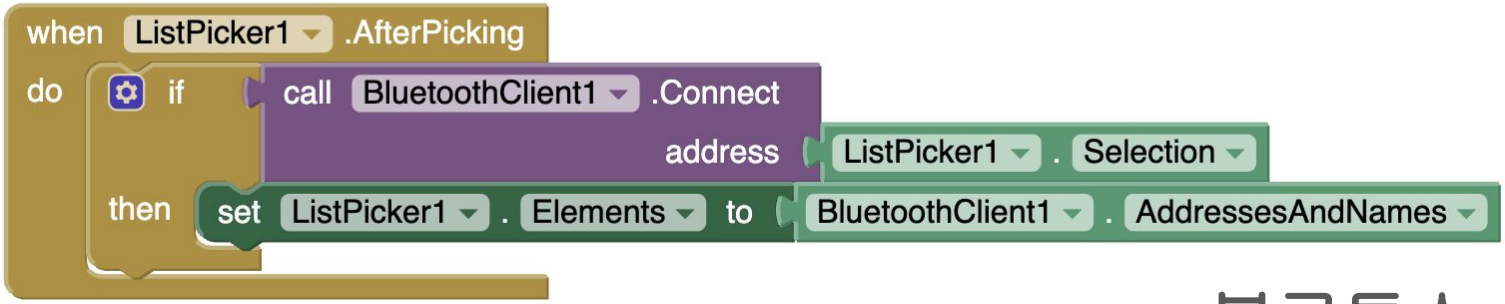
teachable machine은
파일을 저장하여
관리하는 것이
좋습니다.

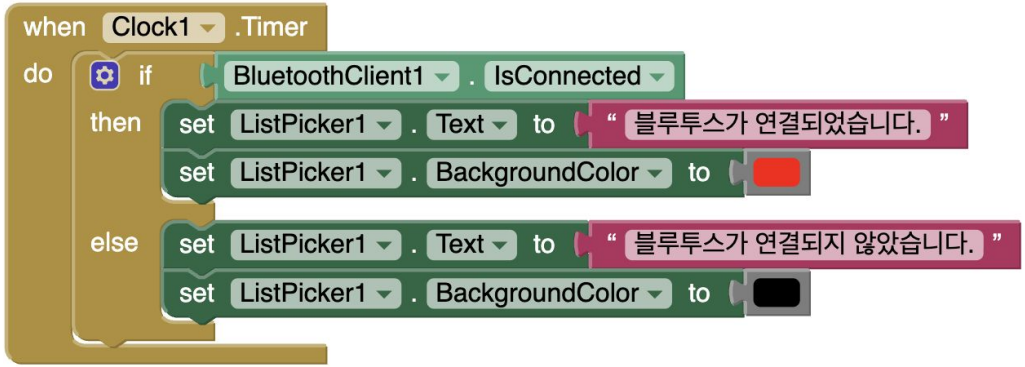
디자이너와 블록으로 나뉘어
코딩합니다.



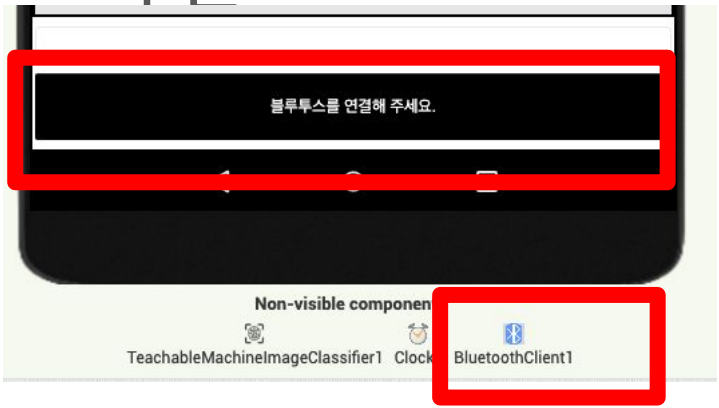


when ListPicker1 .BeforePicking
do set ListPicker1 . Elements to BluetoothClient1 . AddressesAndNames

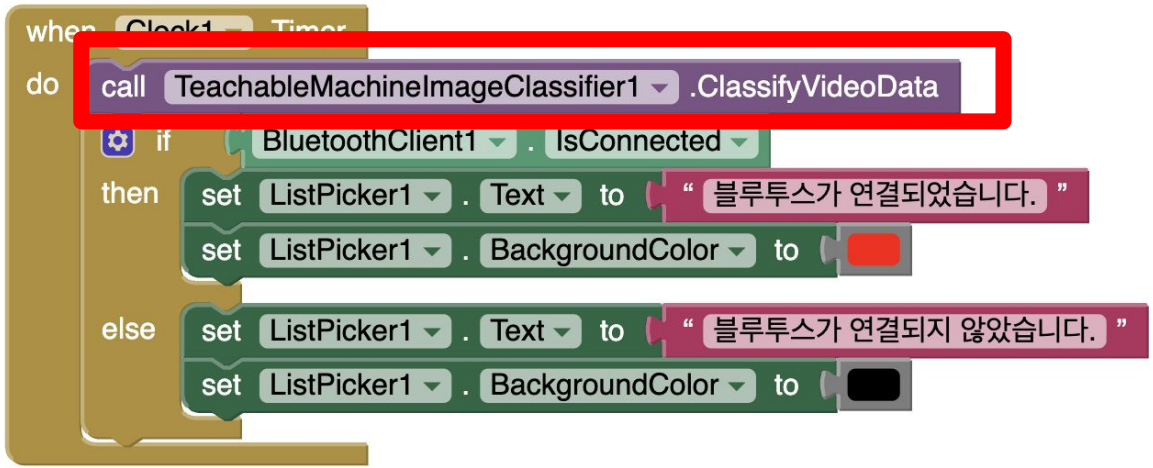

when ListPicker1 .AfterPicking
do if call BluetoothClient1 .Connect
address ListPicker1 . Selection
then set ListPicker1 . Elements to BluetoothClient1 . AddressesAndNames

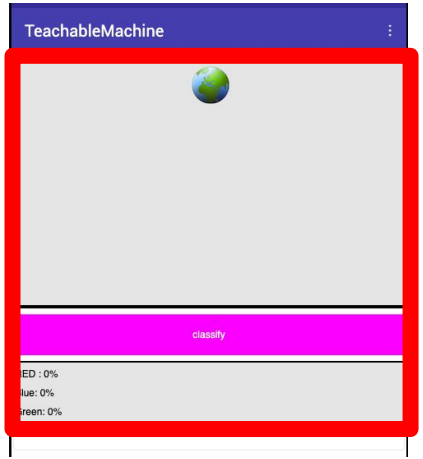

when Clock1 .Timer
do if BluetoothClient1 . IsConnected
then set ListPicker1 . Text to " 블루투스가 연결되었습니다. "
set ListPicker1 . BackgroundColor to
else set ListPicker1 . Text to " 블루투스가 연결되지 않았습니다. "
set ListPicker1 . BackgroundColor to

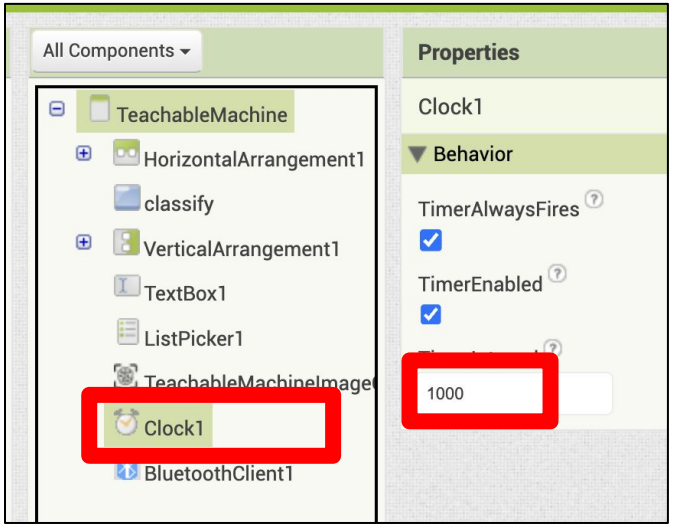
블루투스 연결 부분

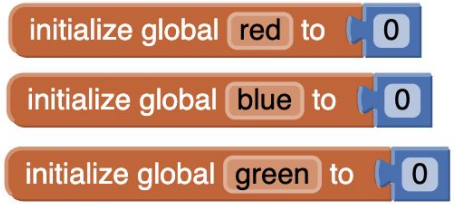

블루투스를 연결해 주세요.
Non-visible componen
TeachableMachineImageClassifier1
Clock
BluetoothClient1

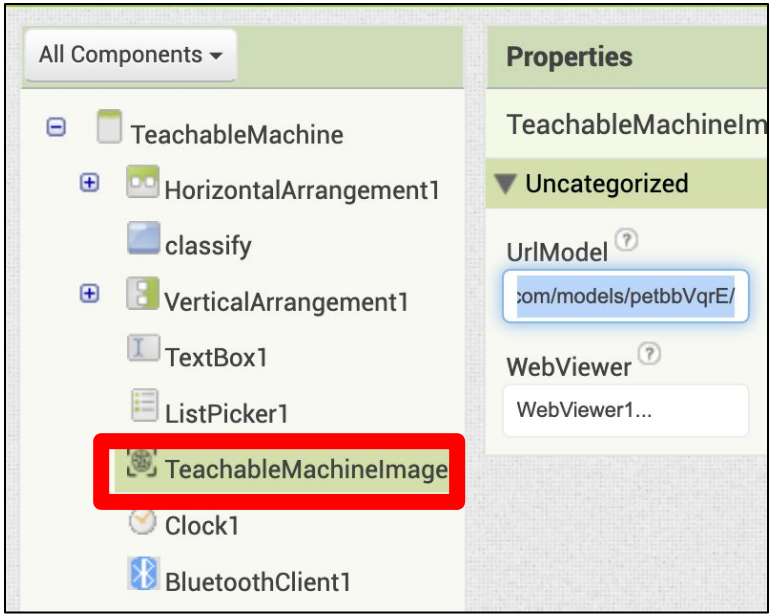
when classify .Click
do call TeachableMachineImageClassifier1 .ClassifyVideoData

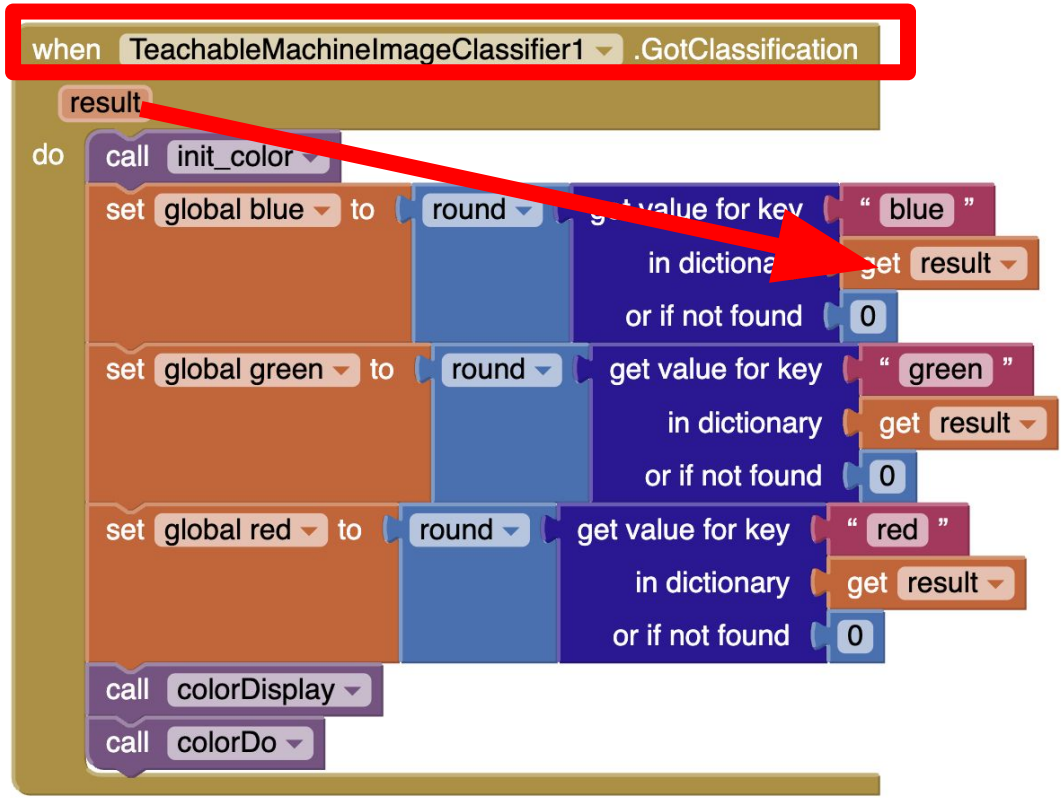

do call TeachableMachineImageClassifier1 .ClassifyVideoData
if BluetoothClient1 . IsConnected
then set ListPicker1 . Text to " 블루투스가 연결되었습니다. "
set ListPicker1 . BackgroundColor to
else set ListPicker1 . Text to " 블루투스가 연결되지 않았습니다. "
set ListPicker1 . BackgroundColor to


TeachableMachine
classify

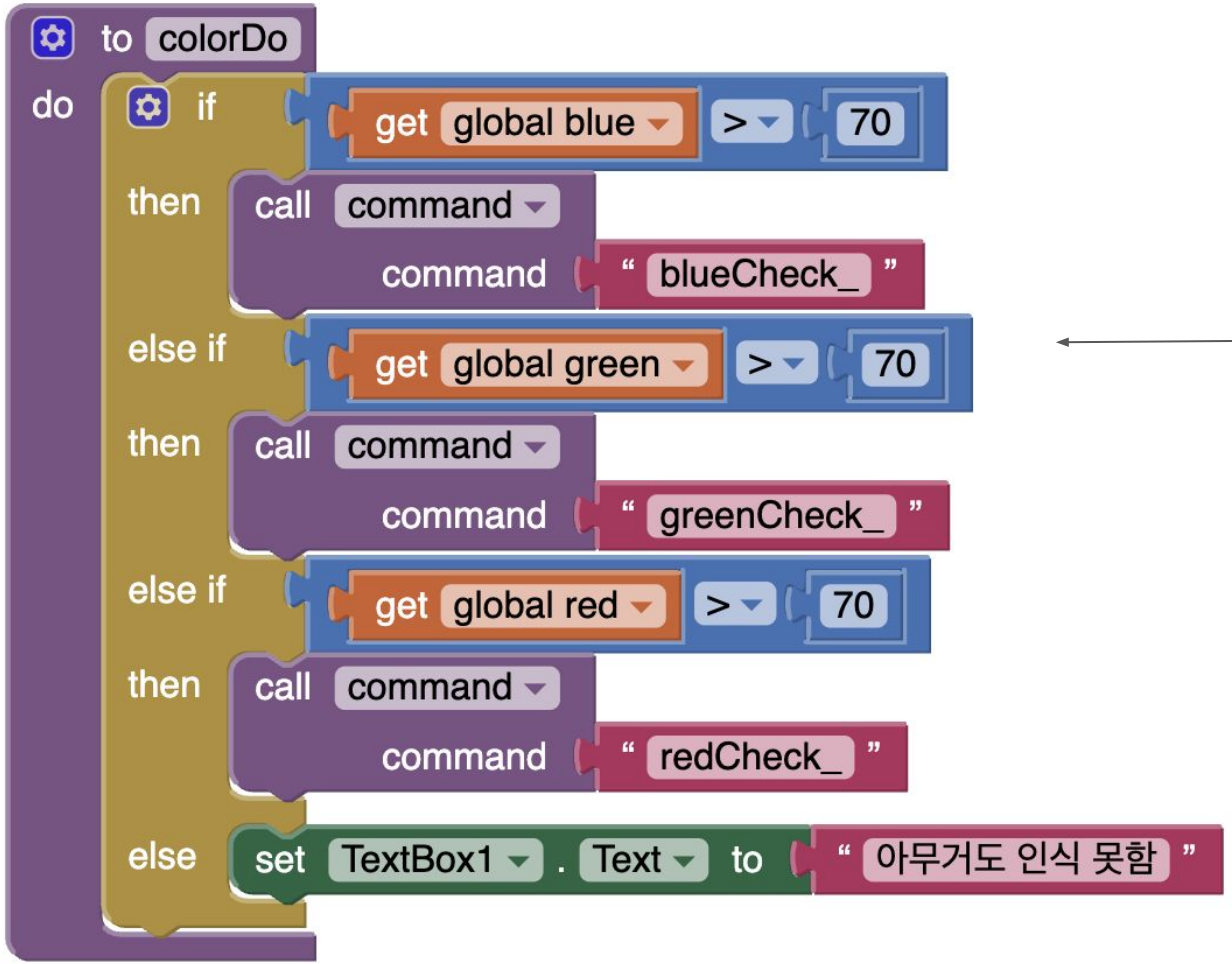

All Components
TeachableMachine
HorizontalArrangement1
classify
VerticalArrangement1
TextBox1
ListPicker1
Clock1
BluetoothClient1
Properties
Clock1
Behavior
TimerAlwaysFires
TimerEnabled
1000

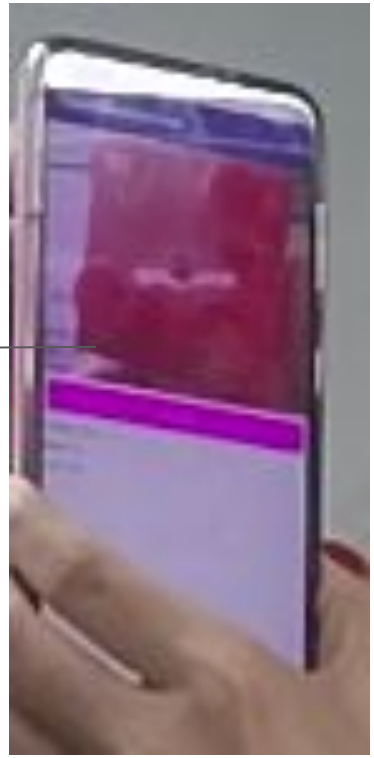

initialize global red to 0
initialize global blue to 0
initialize global green to 0


All Components
TeachableMachine
HorizontalArrangement1
classify
VerticalArrangement1
TextBox1
ListPicker1
TeachableMachineImage
Clock1
BluetoothClient1
Properties
TeachableMachineIm
Uncategorized
UrlModel
com/models/petbbVqrE/
WebViewer
WebViewer1...

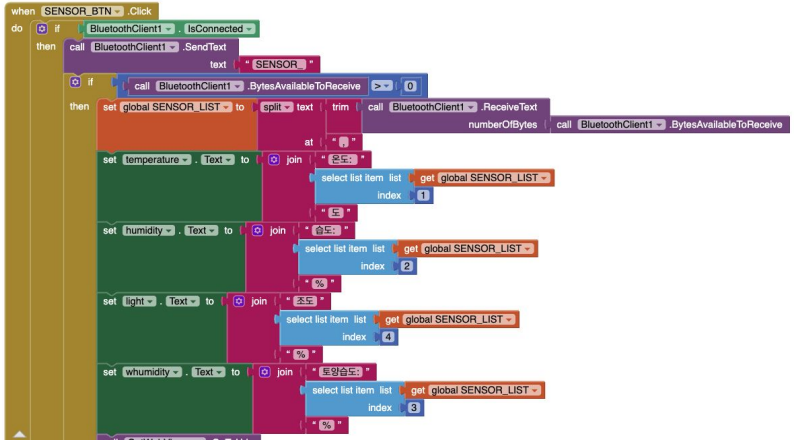

when TeachableMachineImageClassifier1 .GotClassification
result
do
call init_color
set global blue to round get value for key " blue "
in dictionary get result
or if not found 0
set global green to round get value for key " green "
in dictionary get result
or if not found 0
set global red to round get value for key " red "
in dictionary get result
or if not found 0
call colorDisplay
call colorDo

to command command
do
if BluetoothClient1 . IsConnected
then
call BluetoothClient1 .SendText
text get command
set TextBox1 . Text to join join " ["
get command
" OK] "
call BluetoothClient1 .ReceiveText
numberOfBytes call BluetoothClient1 .BytesAvailableToReceive
else
set ListPicker1 . Text to " 블루투스를 연결해 주세요. "
set ListPicker1 . BackgroundColor to

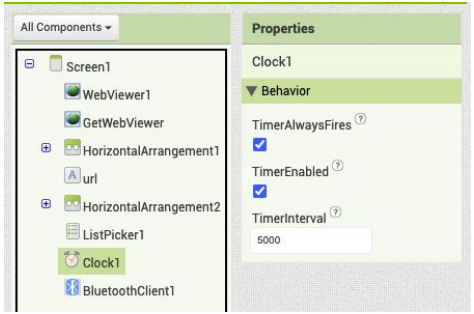

to colorDo
do
if
get global blue
>
70
then
call command
command
" blueCheck_ "
else if
get global green
>
70
then
call command
command
" greenCheck_ "
else if
get global red
>
70
then
call command
command
" redCheck_ "
else
set TextBox1 . Text to
" 아무거도 인식 못함 "

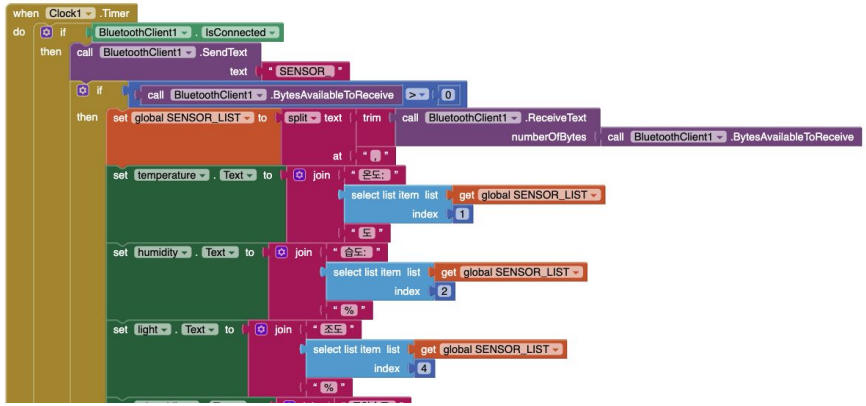


센서값을 가지고 오는 부분은 아래와 같습니다.

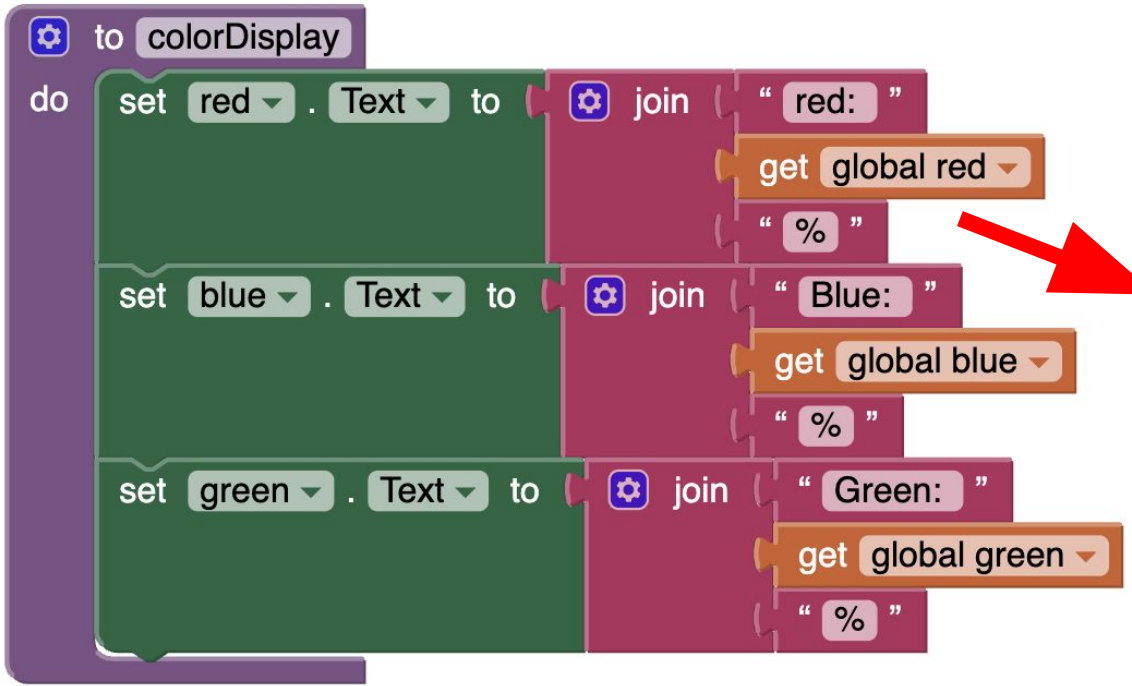


버튼 클릭하여 센서값 적용

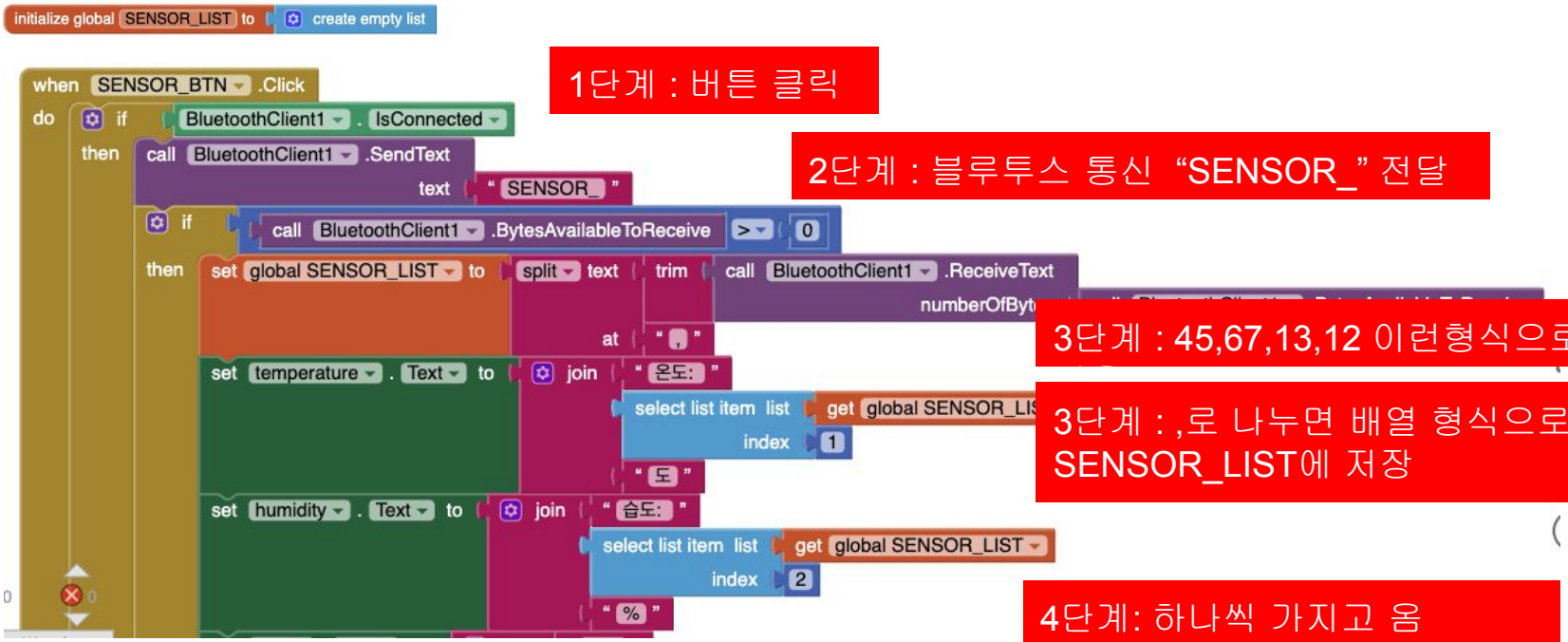




5초마다 센서값을 적용



label값에서 보여주는 역할을 할 뿐입니다.



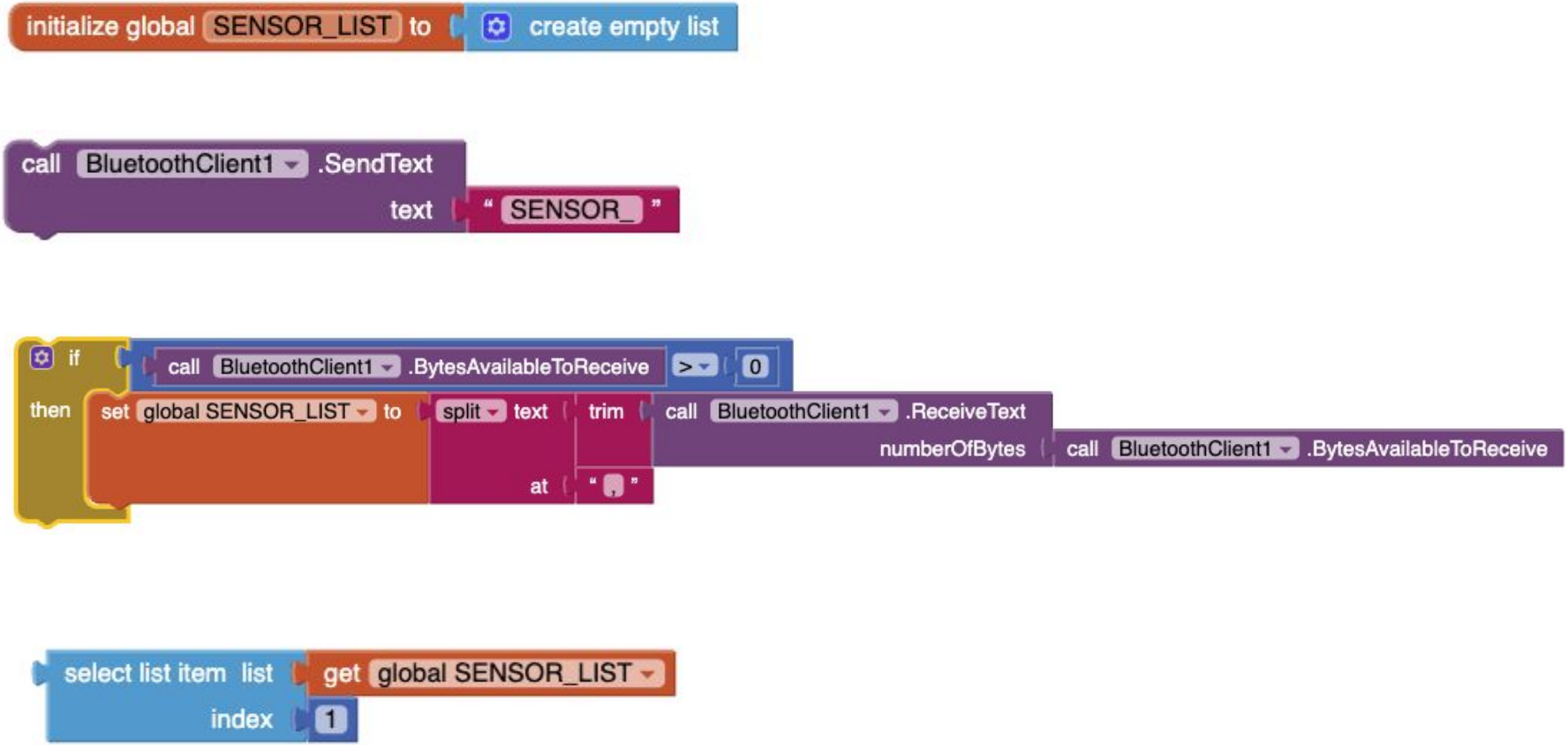
1단계 : 버튼 클릭

2단계 : 블루투스 통신 “SENSOR_” 전달

3단계 : 45,67,13,12 이런형식으로 메시지를

3단계 : ,로 나누면 배열 형식으로 SENSOR_LIST에 저장

4단계: 하나씩 가지고 옴


initialize global SENSOR_LIST to create empty list
call BluetoothClient1 .SendText
text " SENSOR_ "
if
call BluetoothClient1 .BytesAvailableToReceive > 0
then
set global SENSOR_LIST to split text trim call BluetoothClient1 .ReceiveText
numberOfBytes call BluetoothClient1 .BytesAvailableToReceive
at " , "
select list item list get global SENSOR_LIST
index 1

감사합니다.