

# Smart Green House

1. Input and store daylight value using an ambient light sensor



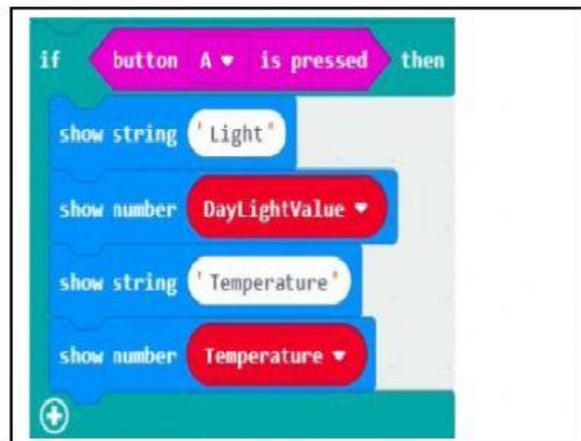
```
if DayLightValue < 100
  show icon [LED Grid]
else
  clear screen
```

2. Input and store temperature value using a temperature sensor

3. If daylight value is low turn on growing lights using LED grid

4. If temperature value is high, then open a window using servomotor

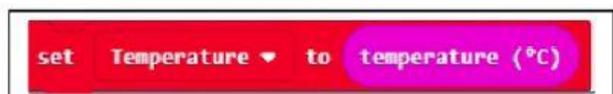
5. If user presses a button then output light and temperature values on the LED grid



```
if button A is pressed then
  show string 'Light'
  show number DayLightValue
  show string 'Temperature'
  show number Temperature
```



```
set DayLightValue to light level
```



```
set Temperature to temperature (°C)
```



```
if Temperature > 25 then
  set servo P0 angle to 90
else
  set servo P0 angle to 0
```