

Activity 14



Test your smart home system. Does it meet the basic requirements?If your system doesn't meet requirements, go back, and try to fix it. Then, writeyour results.

Test	Result	
Does the program input a value from the built-in ambient light sensor?	No ☐	Yes ☐
Does the program input a value from the built-in temperature sensor?	No ☐	Yes ☐
Does the program output a light value on the LED grid?	No ☐	Yes ☐
Does the program output a temperature value on the LED grid?	No ☐	Yes ☐
Does the program satisfy the following? ⊙ If the light value is < 200, then ◈ output "Dark" on the LED grid. ⊙ If the temperature value is > 25, then ◈ output "Hot" on the LED grid.	No ☐	Yes ☐

Did you answer No to any questions? If so, can you change your program to improve your test score?

Explain any changes that you made to your program.

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LIVEWORKSHEETS