

Topic:Smart House

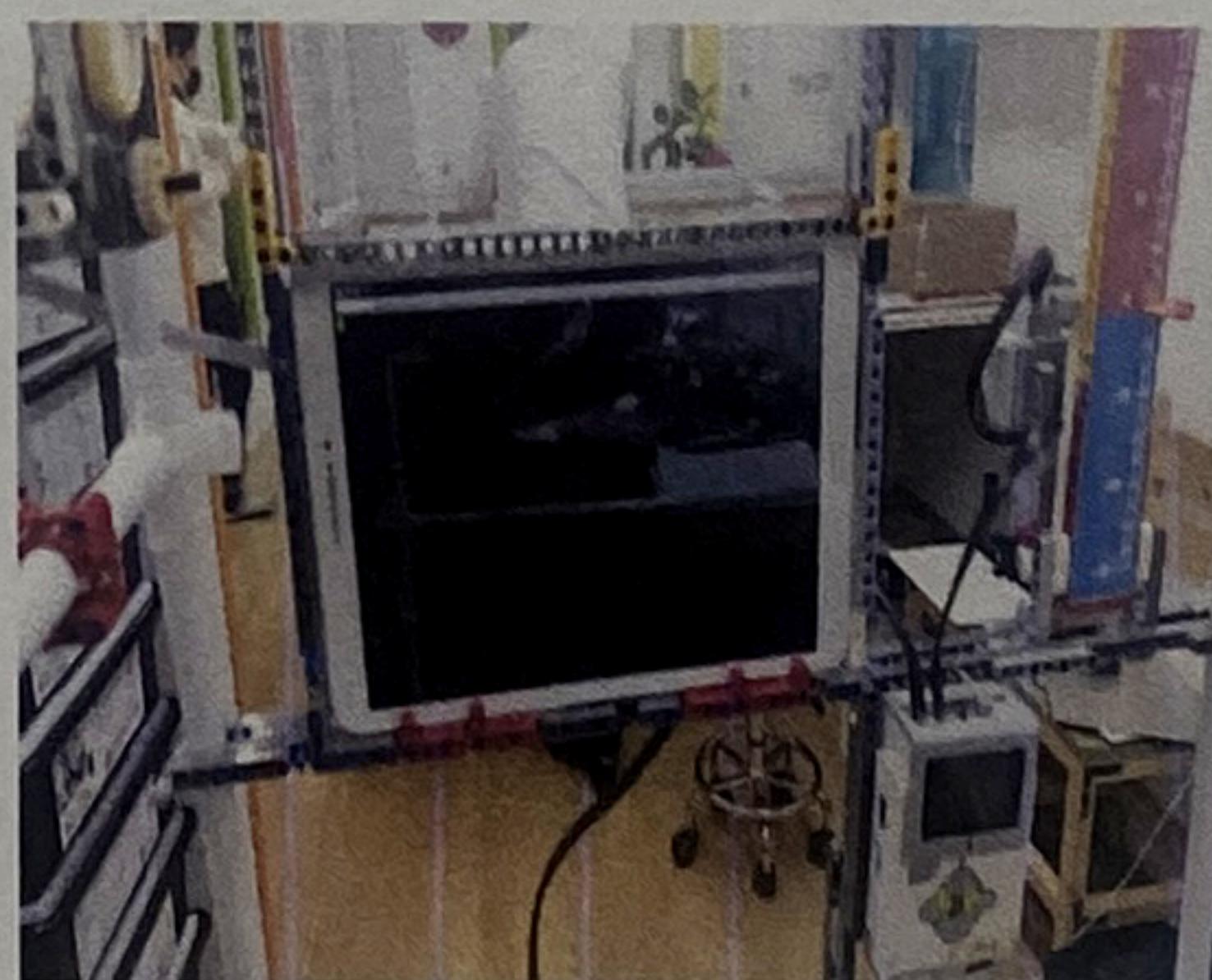


The reason that we thought of this topic

In the existing home system, it was inconvenient for users to set up reservations. If you are working at work or immersed in personal matters, you may make a reservation and forget it, and it is very cumbersome to set it up every time. So, our team discussed how to solve this problem reasonably. Opinions were collected to create a system that recognizes the user's mood, condition, and surrounding environment, as well as grasps the user's psychological state, pre-sets the indoor environment according to the user's return time, and sets it as a theme.

Team name: (Future Experience)

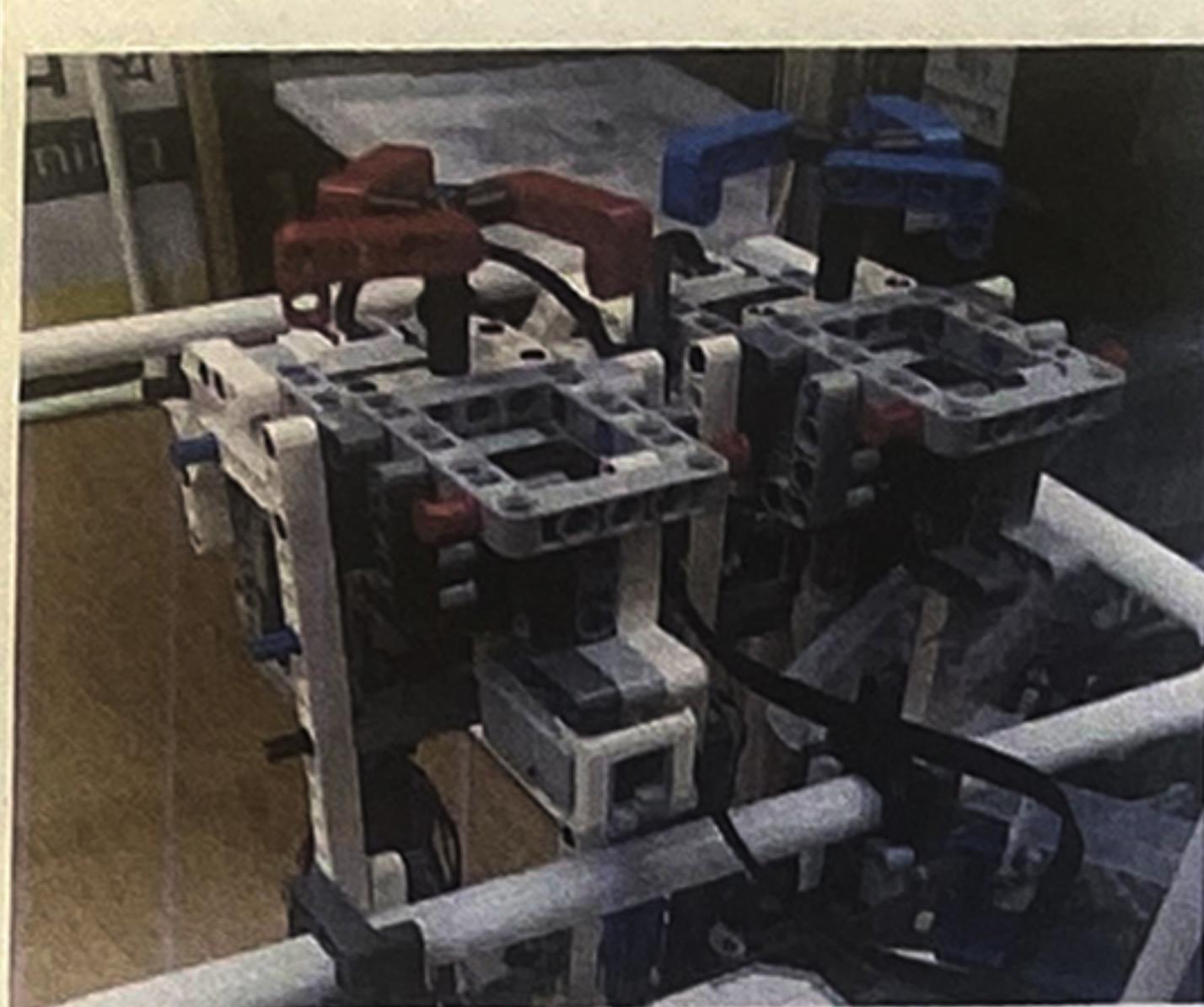
Member: Kang Seungsoo,Kim Doyoung,Hong Dongki



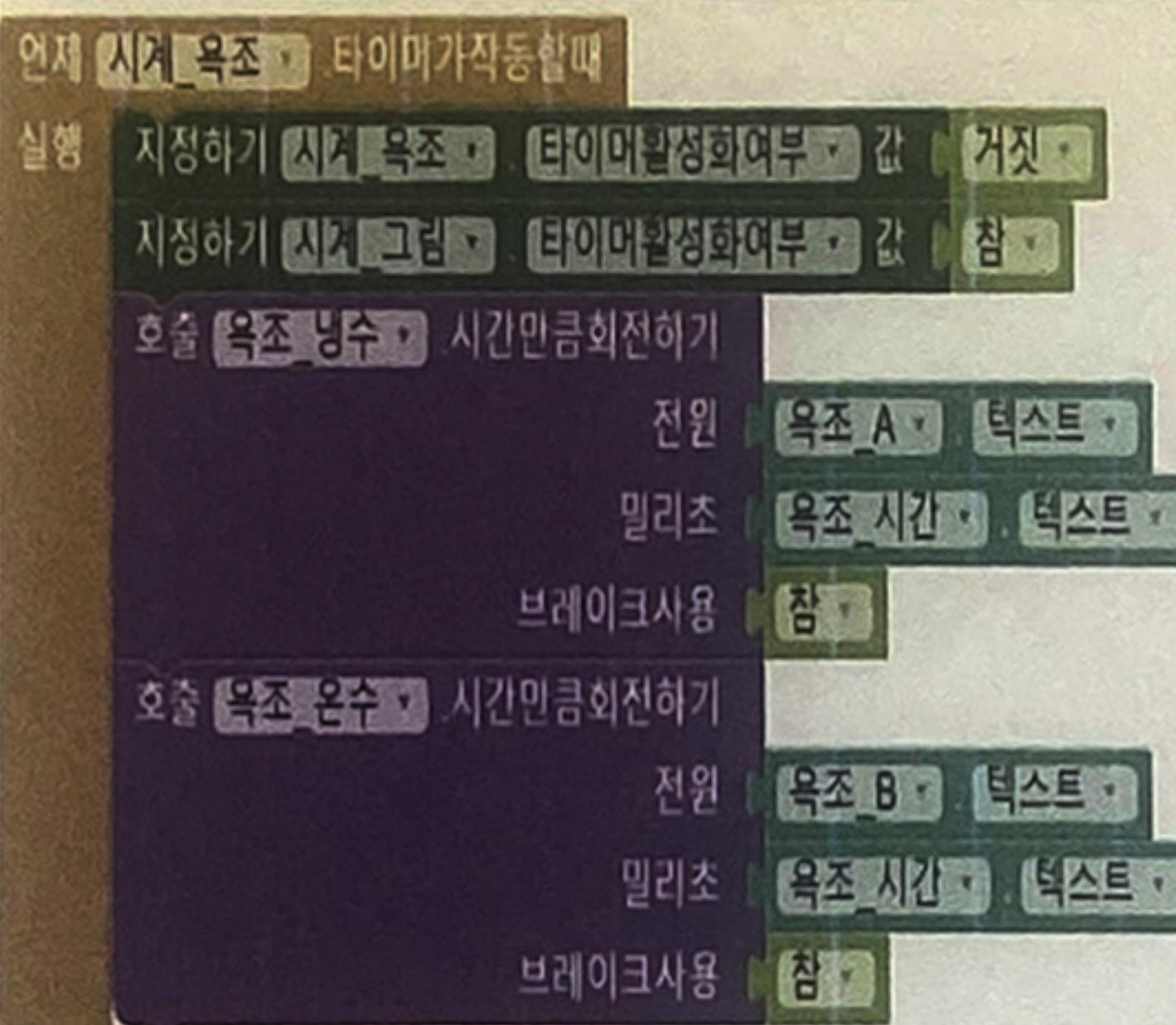
언제 시계 동영상 타이머자동할때
실행 지정하기 시계 동영상 타이머활성화여부 값 거짓
호출 블루투스 동영상 텍스트보내기
텍스트 play

When the user starts taking a shower, the monitor connected to the app plays the video to help him take a nice bath

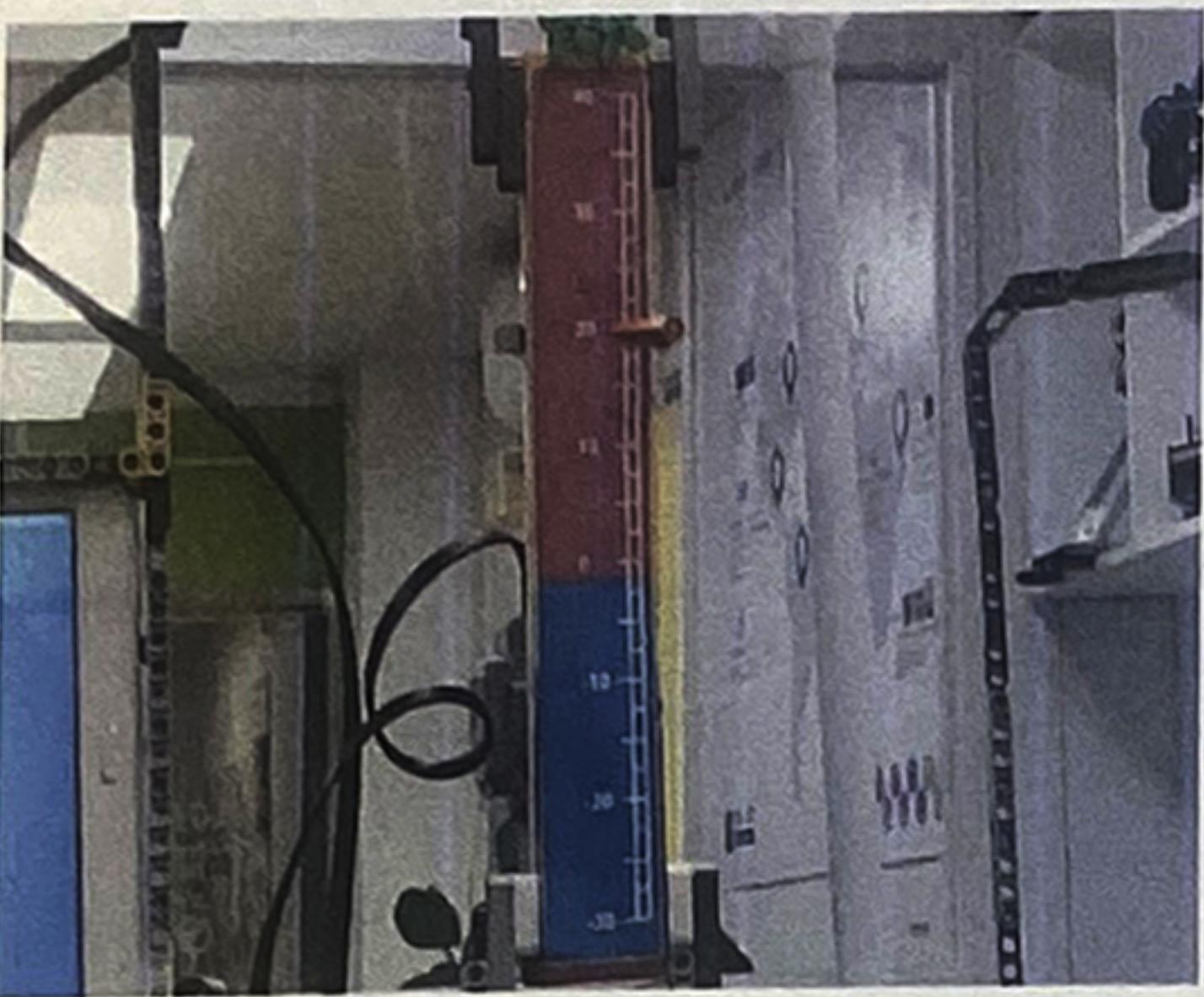
This program plays videos after the timer is over



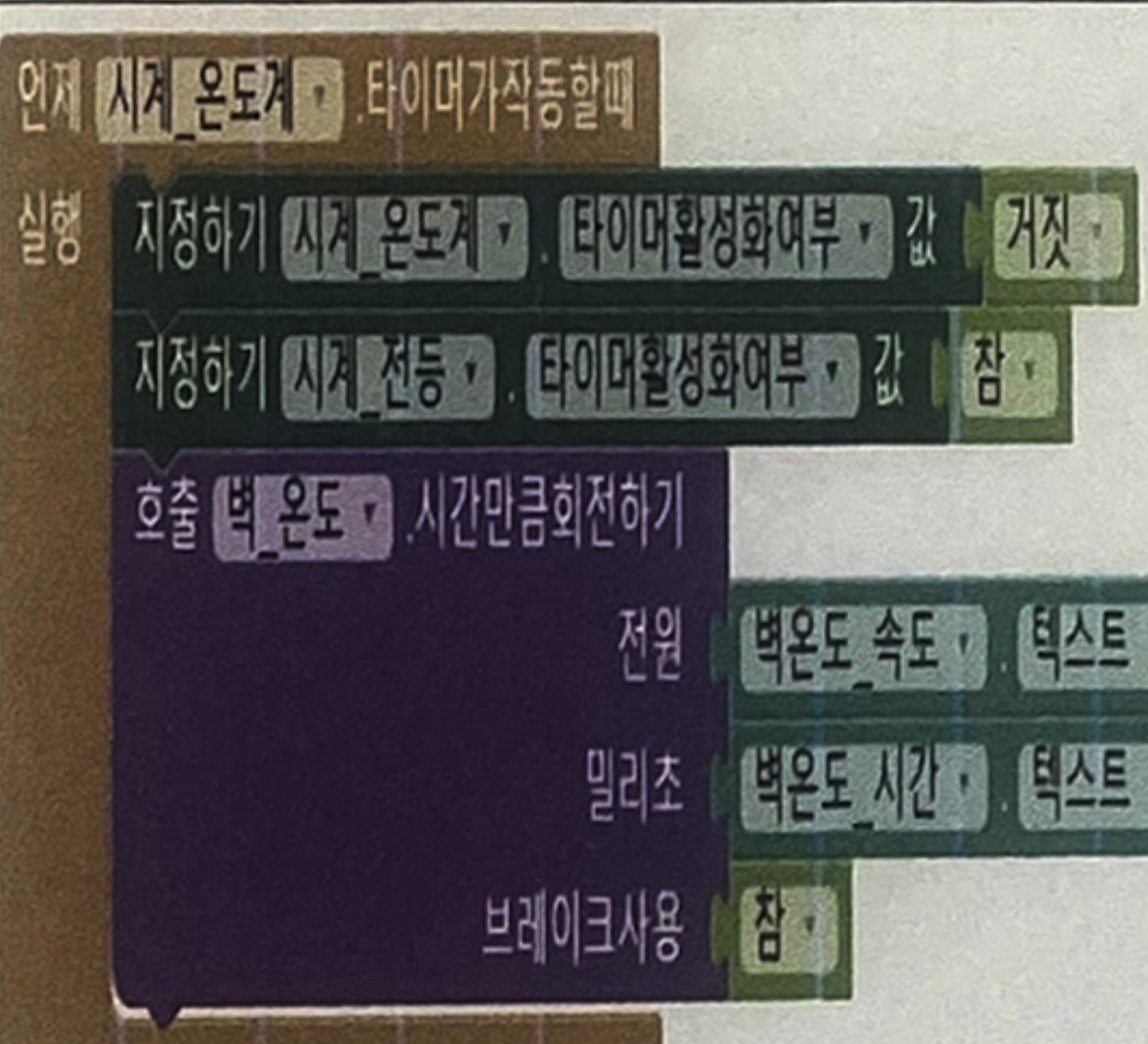
The medium motors of both faucet robots rotate to show that warm water is coming out



It is a program that allows cold and hot water motors to run after the timer



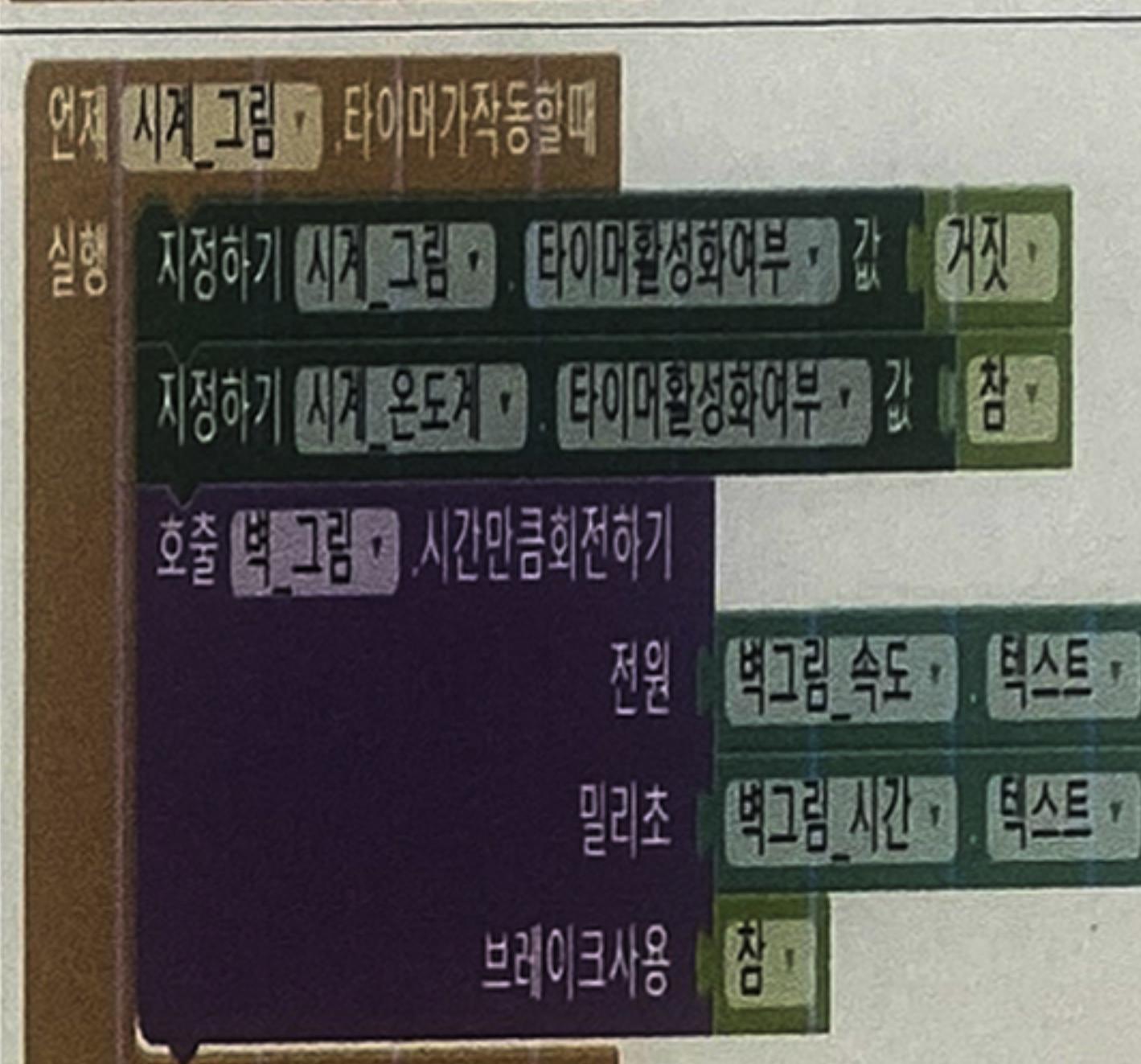
It is a thermometer robot that shows that the temperature is controlled when a smart house user enters the house



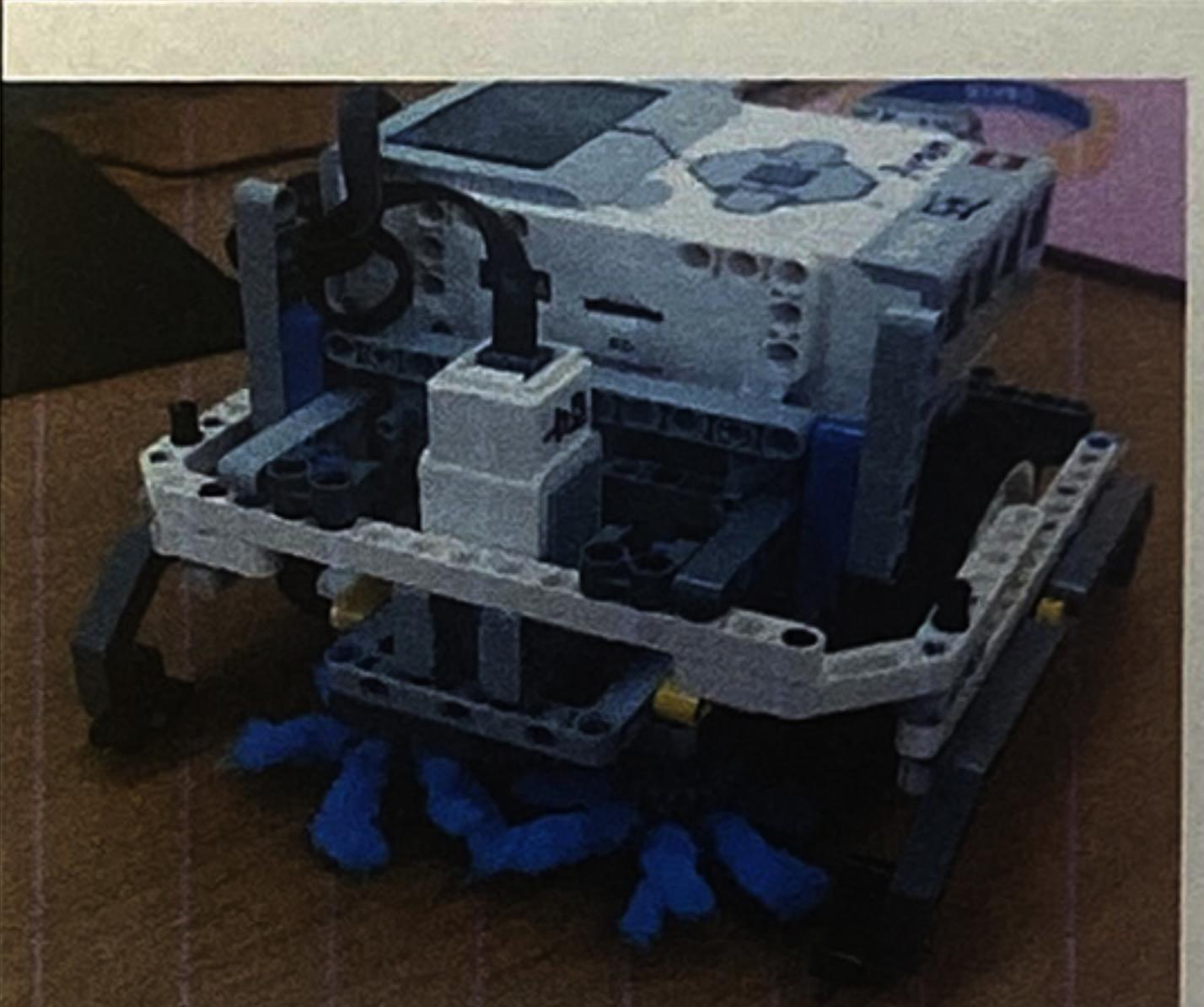
It is a program that rotates the thermometer's motor so that the scale of the thermometer moves



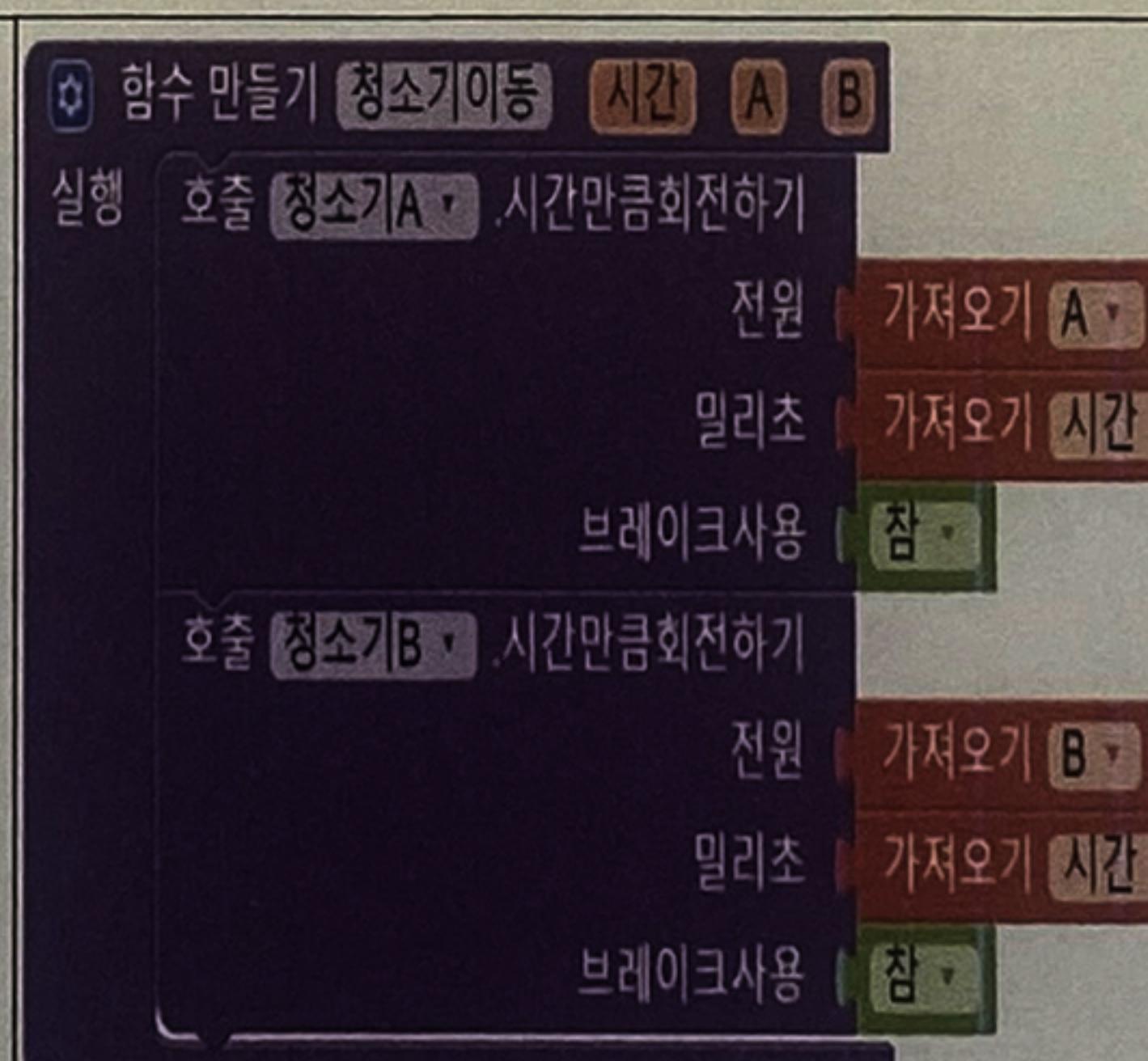
When a user enters, the robot's wheel turns and the paper rotates to turn into a picture that stabilizes the mind



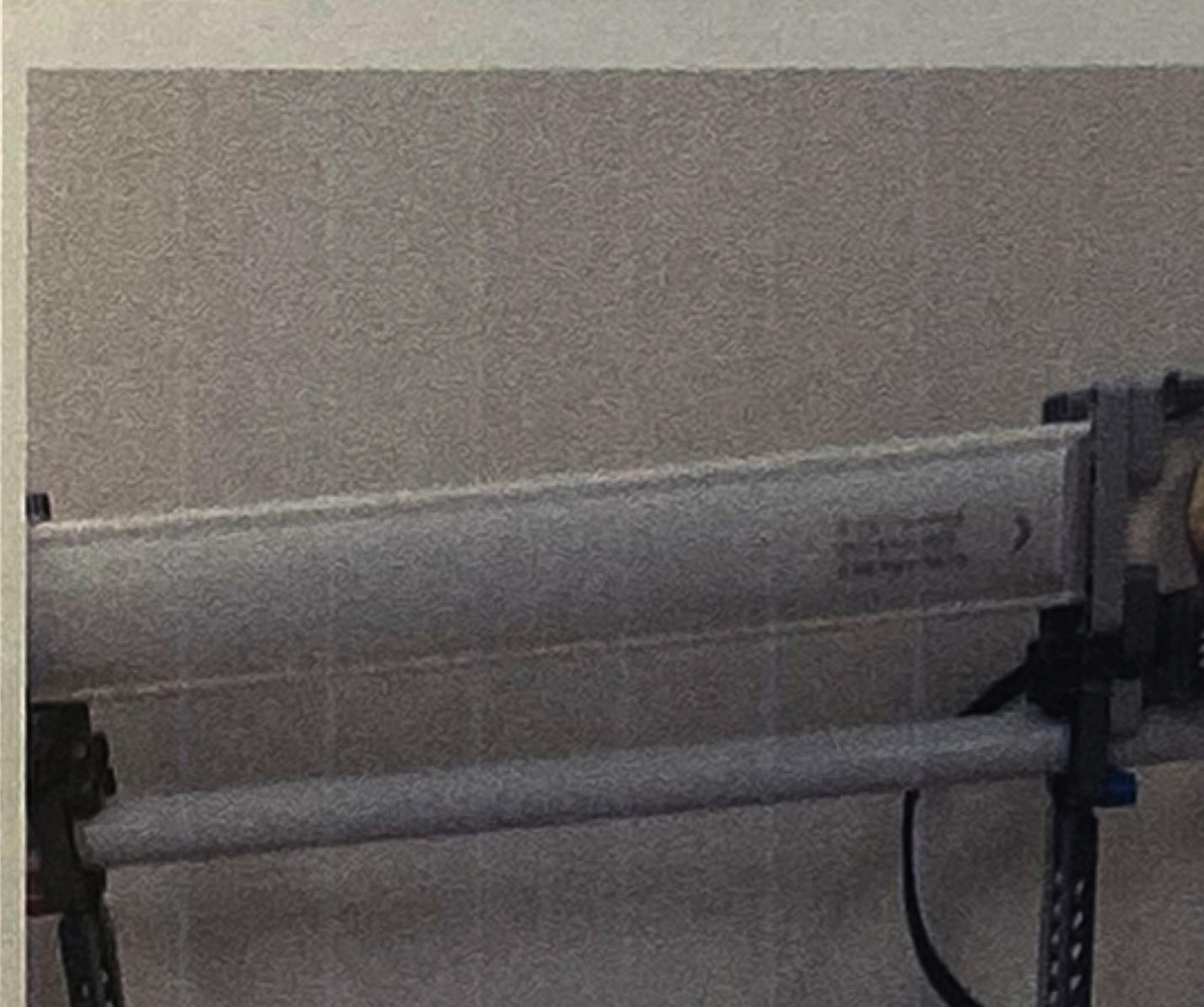
It's a program that turns the picture when the timer is over



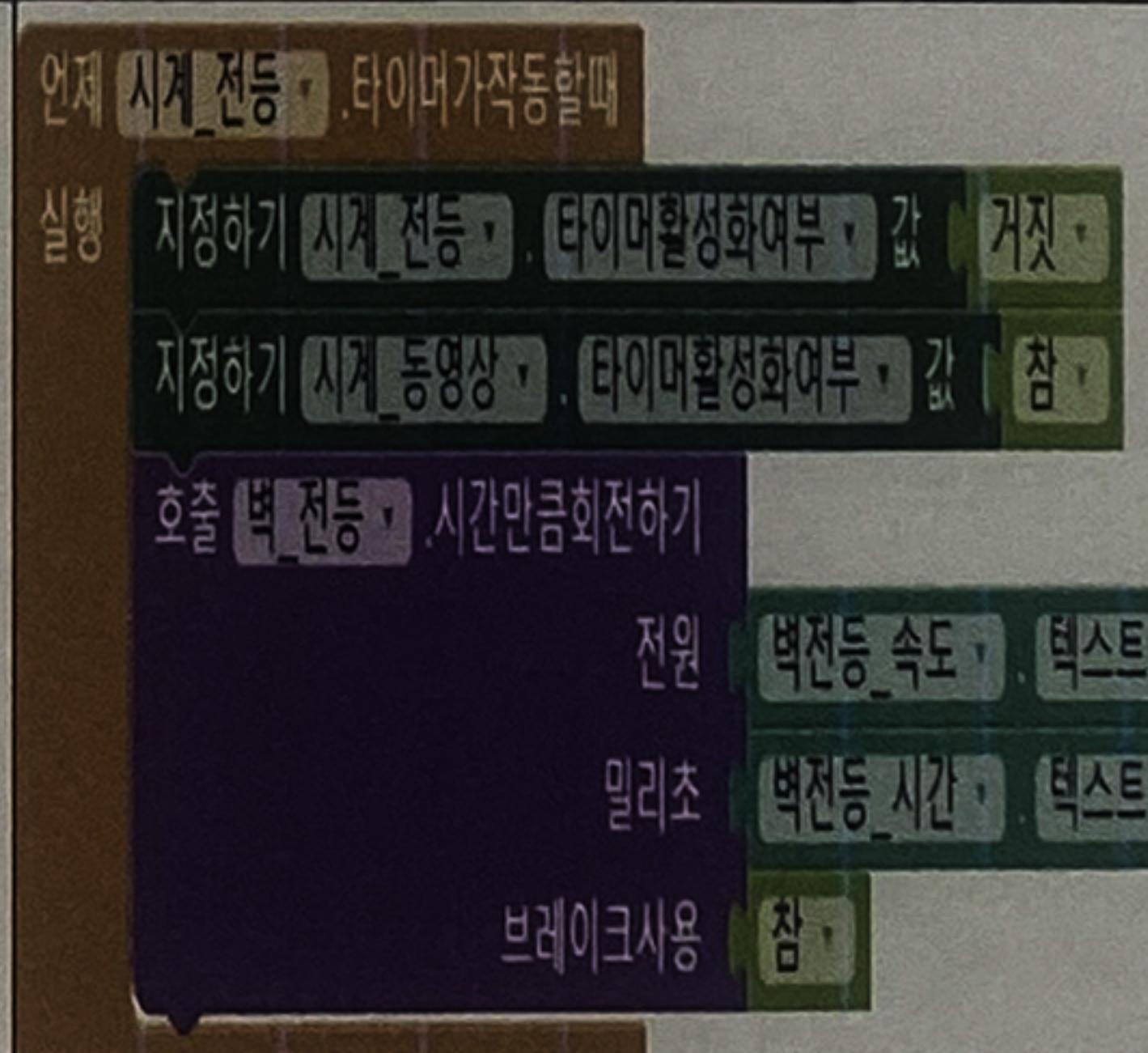
As the vacuum cleaner turns, the gear next to the wheel turns and the mop connected to the gear on the wheel wipes away the dust



This program allows the vacuum cleaner to move around the designated area



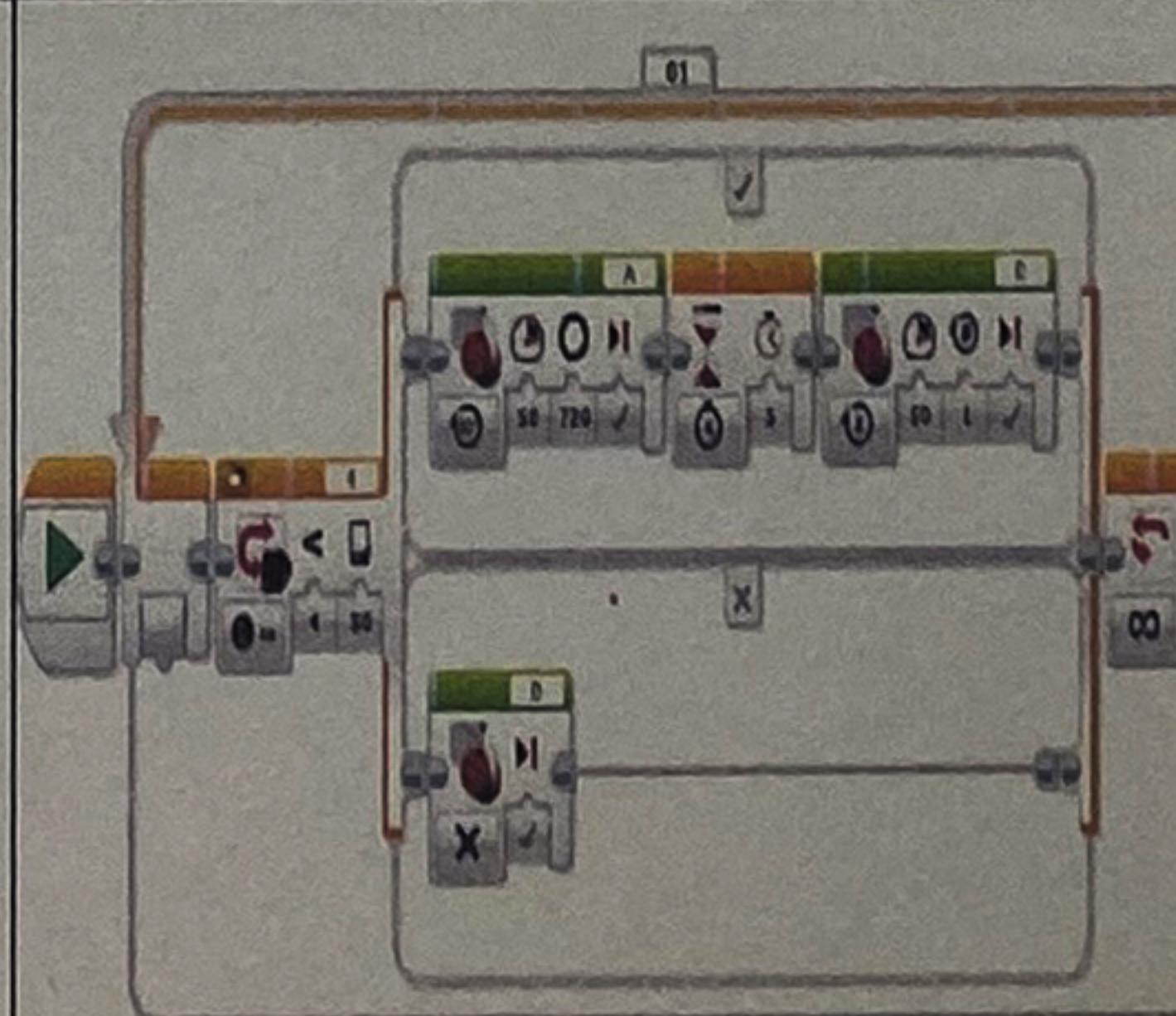
The switch of the light is connected to the motor, so the motor rotates to control the intensity of the light to control the atmosphere of the house



When the timer expires, the light program is activated to turn on the light



When the ultrasonic sensor detects a person, the motor operates to open the door for about 5 seconds and close the door when a person enters



It's a program that allows ultrasonic sensors to open the door when they detect a person