

Exercises: Choose and complete one or more of the following exercises.

1. Turn the nose green and move the Finch forward a foot. If there is an obstacle at the end of the movement, turn the nose red, move the Finch backward 6 inches, and turn the Finch left 90 degrees. Repeat this process 3 times.
2. Write a program that changes the led color based on the light level. Make the light red at 0, yellow at .2, green at .4, blue at .6, violet at .8 and white at 1.