

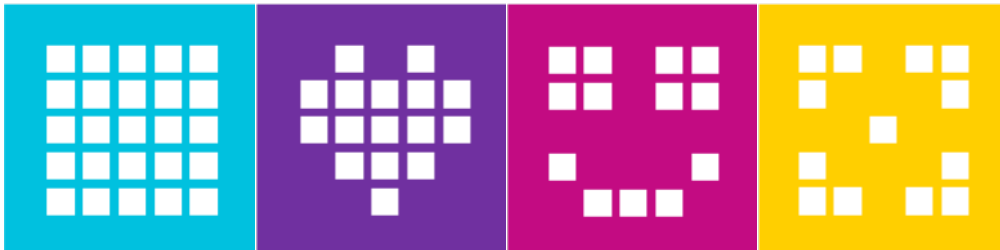
SPIKE PRIME LESSONS

By the Creators of EV3Lessons



COMMENTING CODE

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LESSON OBJECTIVES

- Learn how to comment code
- Learn the importance of commenting code
- Learn what makes useful comments

WHY BOTHER WITH COMMENTS?

- Comments in code help the author of the code remember what they were trying to accomplish.
- You can use them to record the goals or pseudocode for the code.
- It makes it easier to debug
- You could use it to take notes on values
- More importantly, comments allow someone other than the author of the code to understand the program.
- Get into the habit of adding comments to your code

ADDING COMMENTS

- Lines starting with "#" are considered comment.
- That line of code will not execute

```
# This is a sample comment
```

```
# Comments can be used to explain what is coming next in the  
code.
```

WHAT ARE USEFUL COMMENTS?

- Make comments count: Comments should not repeat the contents of the block.
- Comments can be used to summarize the code/document the pseudocode you wrote
- Comments can be used to document values you are trying out in the code

```
# This program moves forward until the left  
color sensor sees the black line
```

```
# Pseudocode: Configure Robot, Move Straight  
Until Color Sensor on Port B sees black
```

```
# Notes: Tried 25 in previous test
```

CREDITS

- This lesson was created by Arvind Seshan for SPIKE Prime Lessons
- More lessons are available at www.primelessons.org



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