 Feynman Writing Prompts - Write out explanations of the following concepts like you are explaining it to a 12 year old. Doing this will help you quickly discover any holes in your understanding. Ask your questions on Slack.

* For
  + For is used to run a piece of code over and over again but adding a statement which will make sure that the loop doesn’t go on forever. The statement will write tell you when the loop will stop. This is useful for tasks that will run the same code multiple times and prevent you from having to write the code again and again for each time you loop. You write how the code will start, when or how the loop will close and how it will go the next looping of the code and you do this all in one line.
* &&, ||, !
  + These symbols are used to tell the computer to only run code under certain conditions. They act as the words ‘and’,‘or’and ‘not’ in programming. The double ampersand is the word ‘and’ in programming which means that both statements have to be true for the code to run. If you want code to tell a person that their weight is healthy you use ‘and’ to say your weight needs to be over 100 and under 200 to be at a healthy weight. Both statements need to be true before you can run the block of code that will tell you that you are in health weight. However, you wanted to write code indicating an unhealthy body weight, you would have to use ‘or’ statement to include both those under 100 pounds or over 200 pounds as being in either category would be unhealthy. If you want to indicate a person is not healthy, you can use ‘!=’ to indicate that the ‘not’ part of the statement.
* Arrays
  + Holds multiple values under one variable rather than having multiple variables with each with one value. It’s a quick way to create a list of all the values that belong to the variable such as a shopping list which would have a list or an array of food items. It can hold multiple types of data and is useful for holding multiple data in one variable.
* Git
  + Git allows programmers to be able to work on the same project without worrying about the chaos that can potentially occur when working in a group setting, especially when it comes to writing code. It allows other users to remotely see what updates have been made to a project so they can be careful not to mess with the wrong code. It also allows you to keep track of newer and older versions of your project, allowing you to go back to a previous version in the case of really fatal bugs and errors. Its just a nice way to keep your project organized while being able to share the project with a large group.
* GitHub
  + Is a specific company that offers Git for both personal and corporate use. There are many different organizations that offer Git services and GitHub is one of most popular ones.