It sounds like you will have to test your code to see if it is working correctly. It's best to start with small files. If it doesn't work on small files, then you will need to debug. There are some test files included in the starter program that you can use for testing. A good way to test is to look at your input (in this case, a file), figure out what the output should be (work an example by hand), then run your code and see if you got the output you were expecting. If you did, your code works for this output! Unfortunately this doesn't necessarily mean that your code is correct, it might fail on a slightly different output if you forgot to take something into account. That's why you should test on several files, to increase your confidence in your code. You should be able to open the weblog files with a text editor such as TextEdit or Notepad. I would suggest trying this process to test your code. Then if it's working, great! If it's not working, you'll have a better idea of what's going on. This will help you debug, and if you need to get help with debugging, will help you explain what's going on so people can help you more easily.

I see that in the method mostNumberVisitsByIP you're creating a HashMap mostFreq. Why are you doing this? The method takes in a HashMap counts as a parameter. That is the HashMap you should use in the method. So the HashMap should already be created and filled before this method is called, then it is passed into this method.

About where the HashMap is built - the instructions are pretty specific, and they don't say to edit the constructor. Hint: the first bullet point in this assignment is:

"In the **LogAnalyzer** class, write the method **countVisitsPerIP**, which has no parameters. This method returns a HashMap<String, Integer> that maps an IP address to the number of times that IP address appears in **records**, meaning the number of times this IP address visited the website. Recall that **records** stores LogEntrys from a file of web logs. For help, refer to the video in this lesson on translating to code. Be sure to test this method on sample files."

The second bullet point, which describes the method mostNumberVisitsByIP, is:

"In the **LogAnalyzer** class, write the method **mostNumberVisitsByIP**, which has one parameter, a HashMap<String, Integer> that maps an IP address to the number of times that IP address appears in the web log file. This method returns the maximum number of visits to this website by a single IP address. For example, the call **mostNumberVisitsByIP** on a HashMap formed using the file **weblog3-short\_log** returns 3."

Does this help give you an idea about where the HashMap gets built?