1. In what instances would you use Parquet, ORC, or AVRO in your Hadoop environment. Provide at least three examples. Be sure to discuss the benefits and disadvantages of each file format. (3-4 paragraphs)
2. Explain what MapReduce is. Provide the steps for each stage of a MapReduce job and explain why MapReduce is critical to big data platforms like Hadoop. (3-4 paragraphs)
3. Read the following article: <https://www.geeksforgeeks.org/hadoop-pros-and-cons/?ref=ml_lbp>

Discuss the pros and cons of using Hadoop. Give examples of when you should use Hadoop and when you should not use Hadoop. (3-4 paragraphs)