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| **INF 354 : Class Assignment** | | |
| **Assignment #:** |  | **DUE DATE: in class** |
| **Topic:** |  | |
| **Instructions:** | | |
| Please view the slides at this link[*https://www.slideshare.net/HubSpot/git-101-git-and-github-for-beginners*](https://www.slideshare.net/HubSpot/git-101-git-and-github-for-beginners)Then complete this tutorial [*http://product.hubspot.com/blog/git-and-github-tutorial-for-beginners*](http://product.hubspot.com/blog/git-and-github-tutorial-for-beginners)  **Homework: Amazon cloud services**  Answer the following amazon related questions   1. What is EC2? Can I run a free EC2 server? If so which instance? 2. **What is S3?  What is a bucket? What is it used for?  Should encryption be used?** 3. **What is an AMI?  How do I build one?** 4. **Can I vertically scale an Amazon instance? What is auto-scaling?** 5. **What is mechanical turk?** 6. **Define the term hybrid and elastic cloud?** 7. **What is amazon cloudfront?** 8. **Determine where in the world Amazons datacenters are. What are the benefits of hosting across multiple datacenters?** 9. **Name the type of load balance servers available?** 10. **Name the database server instances that can be deployed?** 11. **What is the difference between Scalability and Elasticity?** | | |

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| **RUBRIC** | |
| **Outcome** | **Mark** |
| **Demonstrate an add, commit, push pull, add and merge branch** | **10** |
| **TOTAL** | **10** |