

**Unit I deliverables****Final due date: Wed Jan 31**

date completed

outcome (S/U)

Windows users: download and install Putty

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Discovery Cluster:

Make directories for genomic sequences

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Transfer files from local to remote and vice versa

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Download genome sequences from model organisms from internet databases

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Good computational work habits:

Read article on best practices and implement them in all your work

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Track work and troubleshooting in lab notebook, making available on:

GitHub site, or

Discovery Cluster directory

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Git and your GitHub portfolio:

Sign up for a GitHub account. Username: \_\_\_\_\_

Successfully install Git on your computer

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Complete Git\_tutorial (FUNDamentals): Git Get Started thru all three sections of  
Git Contribute

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Read Gitty-up page and complete short Assignment at bottom of page

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Unix commands:

Complete Unix tutorial, saving txt file of all work and posting to GitHub or DC

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Group work (using your chosen genome/chromosome sequences):

Walk through (by video or text) examples of

How to generate reverse complement of a sequence

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How to predict amino acid sequence of a sequence

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How to determine GC content

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Present results in a collaborative repository

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Name \_\_\_\_\_ Date of completion \_\_\_\_\_