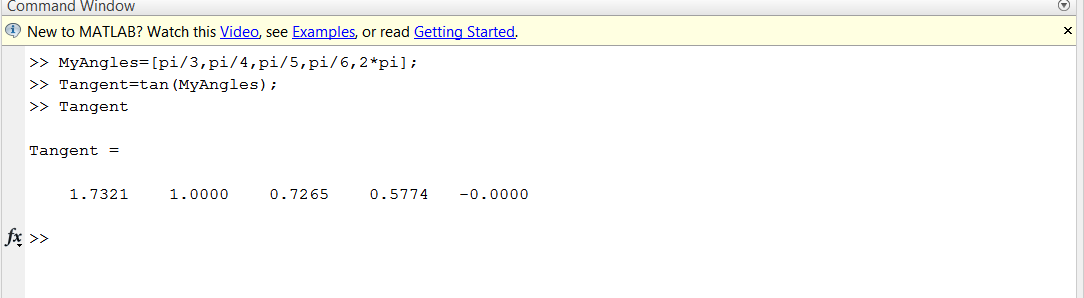
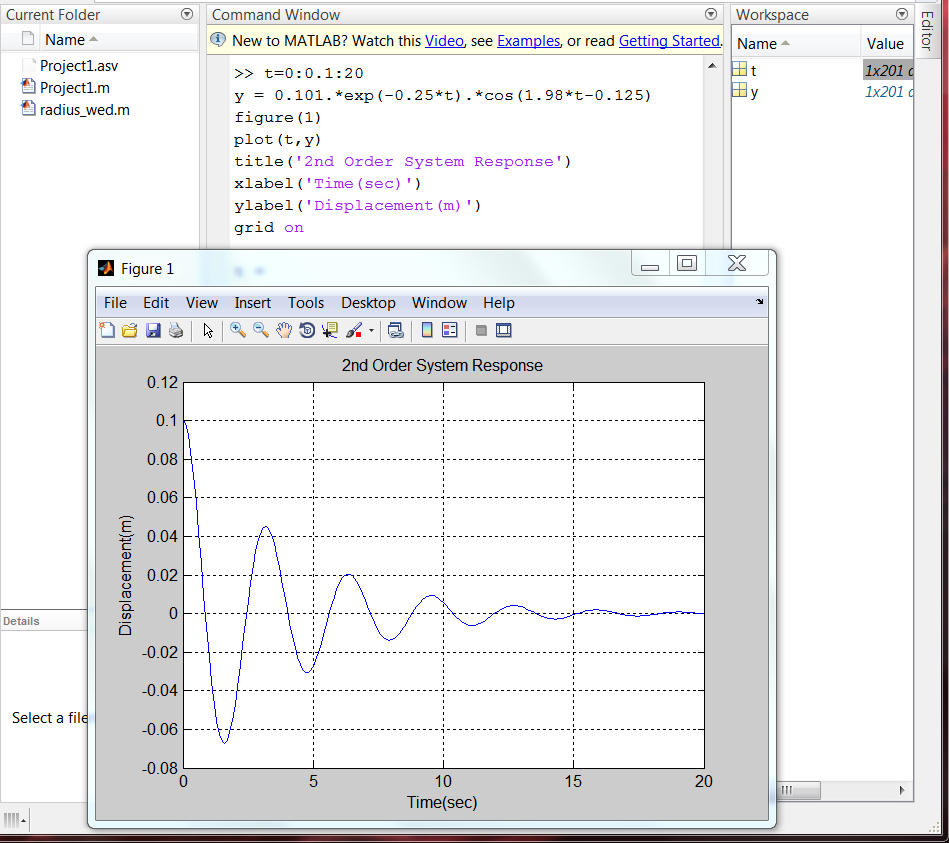
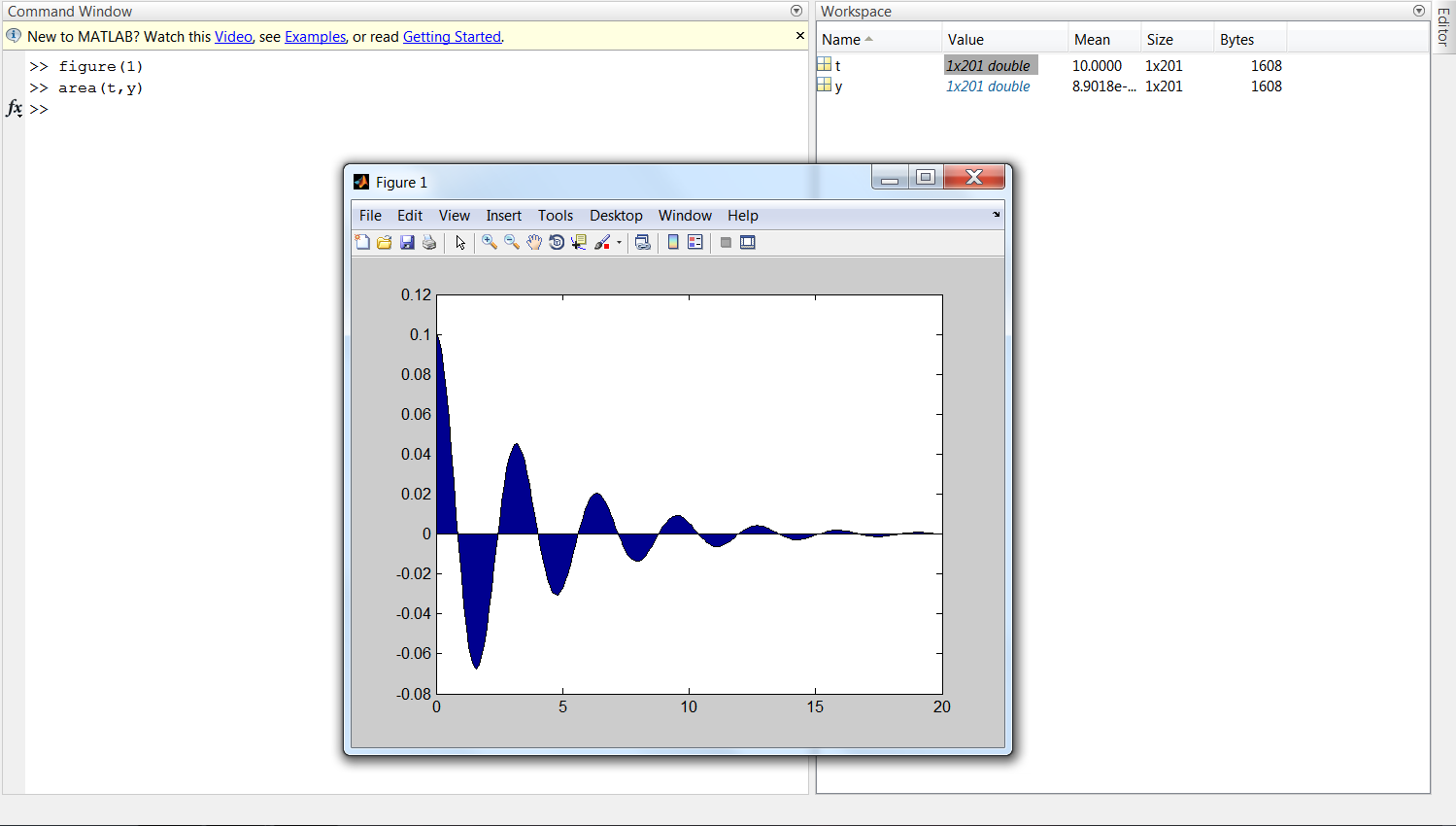
**Problem 1**

**Problem 2**

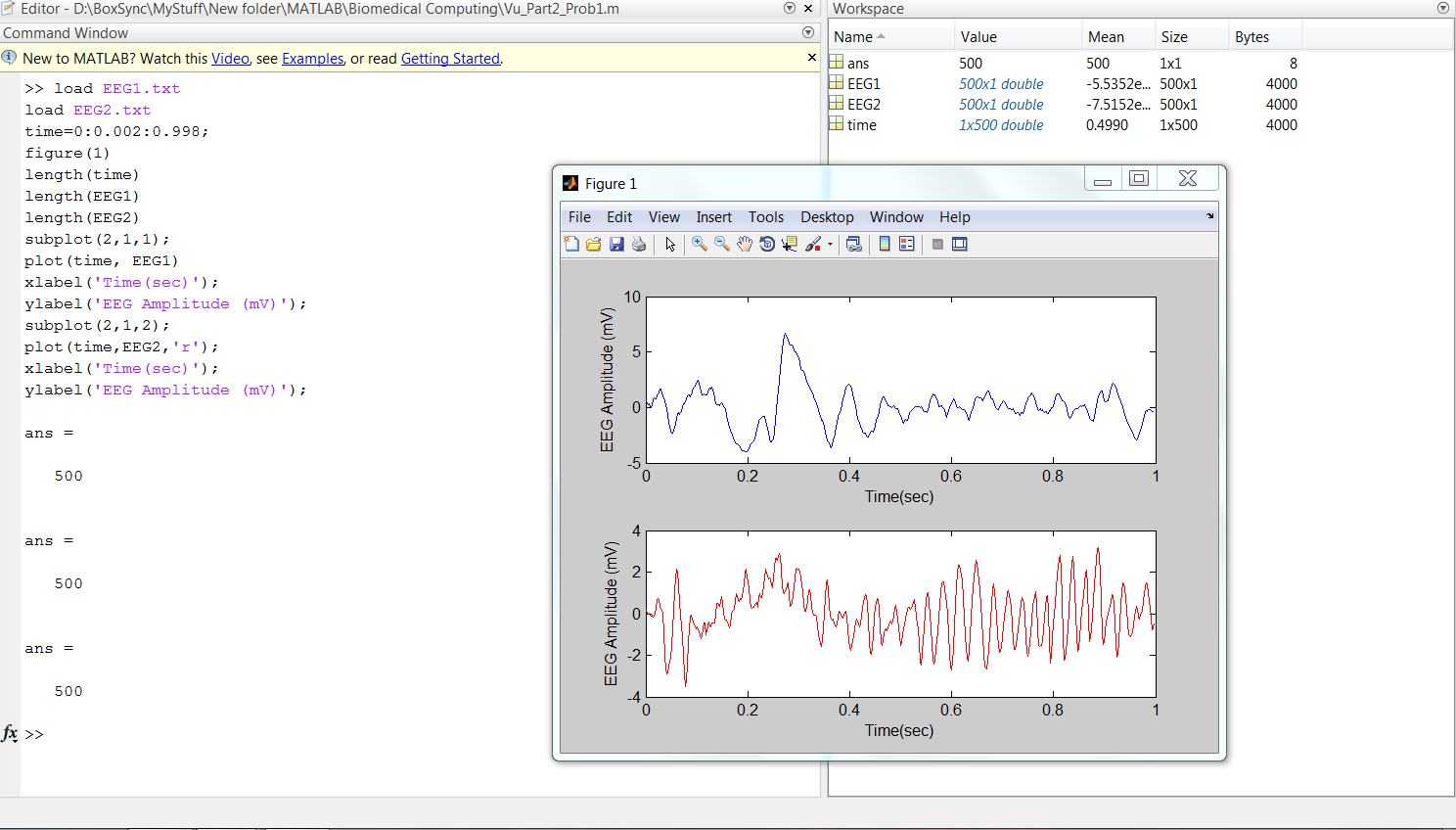
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**Problem 3**

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This plot was generated using the area plot function and using variables in the workspace from Problem 2.

**Problem 4**

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