CS4102 - ALGORITHMS - S'16 — ABHI SHELAT DUE FRI JAN 29, 2016 AT 5P VIA SUBMISSION SITE

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You may collaborate with other students on the homework but you must submit your own individually written solution, identify your collaborators, and acknowledge any external sources that you consult.

PROBLEM 1 Passage

Typeset your favorite passage from a book.

PROBLEM 2 Asymptotic notation

Let *f* be a function. Give a formal definition of the set $\Theta(f)$.

 $\Theta(f) = \{ \text{ functions } g \text{ such that } \dots \}$

Hint: Use the \exists command to make the "there exists" symbol \exists , and the \forall command to make the "for all" symbol \forall .

PROBLEM 3 includegraphics command

Learn how to include drawings in your documents with the \includegraphics{file} command by submitting a caricature of me.