ASSIGNMENT 1

Prove that $\sqrt{2}$ is irrational. Please write your answer as a theorem and proof in LaTeX in the style of the Assignment 0 document. It does not have to look and feel exactly like that document, but it must have your name, a theorem, a proof, and any citations if you used outside resources. The proof should be correct and flow nicely when read. It should also be relatively pleasing to look at. As always, please hit me up with any questions that you have.