

COURSE CODE Assignment ASSIGNMENT  
NUMBER

First Last — ID number

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## Question 1: Proving $1 + 1 = 2$

**Lemma 1** (The Riemann Hypothesis).

$$\left\{x : \zeta(x + yi) = 0 \wedge x \neq \frac{1}{2}\right\} \neq \emptyset$$

*Proof.* Trivial. □

We conclude from Lemma 1 that  $1 + 1 = 2$ .

Another paragraph.