PRINT Your Name:

$$
\text { Quiz - February 7, } 2006
$$

Find $\int \frac{\sec (\ln x) \tan (\ln x)}{x} d x$. Check your answer.
Answer: The integral is $\sec (\ln x)+C$.
Check: The derivative of the proposed answer is

$$
\sec (\ln x) \tan (\ln x) \frac{1}{x}
$$

