TRUTH AND MARRIAGE
The king has two daughters—the virtuous Amelia, who always tells the truth, and the wicked Leila, who always lies. One of them is married, and one of them is not—but the king has kept the details of the marriage a secret, even down to which of the daughters is wedded. To find a suitable mate for the other daughter, the king has organized a joust. The winner gets to name which of the daughters he wants to marry; if she is available, they will wed the next day.
The man who wins asks the king if he may talk with the daughters. The king says he may ask one of the daughters one question, but it can be no more than three words long.
What question should he ask?

Answer
The answer is simple: the young man simply asks, "Are you married?" Regardless of who answers his question, he knows that a "yes" means that Amelia is married and a "no" means Leila is married. Virtuous Amelia will tell him the truth—"yes" if she is, "no" if Leila is—no matter what, and wicked Leila will say "no" if she is married and "yes" if she is single and Amelia is married.