Important announcement: There will be **one surprise quiz** covering this homework, sometime next week in class!

The above announcement should be interpreted as saying that the following two facts are both true:

A. Given: Either Wednesday (22nd) or Friday (24th) there will be a quiz (not both), ..AND..

B. Given: Using these given facts you cannot determine which day the quiz will be before that day arrives.

1. Explain how you can deduce (prove) that the quiz day cannot be Friday.

2. Explain how you can then deduce (prove) that the quiz day cannot be Wednesday either!

3. Is the important announcement true or false?