===== 1. =======

What Clojure features is this function making use of? There are many
of them, can you explain a few?

```clojure
(defn ^{:private true} quiz
"Lot of stuff"
{:inline (fn [x] `(str ~x))
 :inline-arities #{1}
 :private true}
(^{:tag String }
      [[x :as v]]
      {:pre [(odd? x)]}
      (apply str v))
(^{:post [(pos? %)] :tag double}
      [^long a ^double b]
      (- a b))
{:profile "cpu"})
```

===== 2. =======

Can you explain how:

```clojure
(alter-var-root (def hello) (fn [_] #'hello))
```

Works? What it does?