

Matching Expressions and Contracts

Read the following 5 contracts carefully:

- A. `is-capital :: (city :: String, state :: String) -> Boolean`
- B. `show-score :: (team1 :: String, team2 :: String) -> Number`
- C. `is-capital :: (city :: String, pop :: Number) -> Boolean`
- D. `show-score :: (team :: String, score :: Number) -> Image`
- E. `is-capital :: (city :: String) -> Boolean`

For each of the expressions below, indicate which contract (A - E) describes the function being used.

| <u>Expression</u> | <u>Contract</u> |
|--|-----------------|
| 1. <code>show-score("Vikings", 41)</code> | _____ |
| 2. <code>is-capital("Philadelphia")</code> | _____ |
| 3. <code>is-capital("Philadelphia", "PA")</code> | _____ |
| 4. <code>show-score("Seahawks", "Ravens")</code> | _____ |
| 5. <code>is-capital("Austin", 948000)</code> | _____ |