PAKISTAN → Punjab Afghanistan Kashmir
          Iran   Sindh   Balochistan

1930 , MLI

S1: **If** you have tea, give me tea

```
        ┌─────────────┐   False/
        │  is tea     │    No      ┌────────────┐
        │  available? │──────────→ │ Do nothing │
        └─────────────┘            └────────────┘
              │
       True/ Yes
              ↓
        ┌─────────────┐
        │ Give me tea │
        └─────────────┘
```
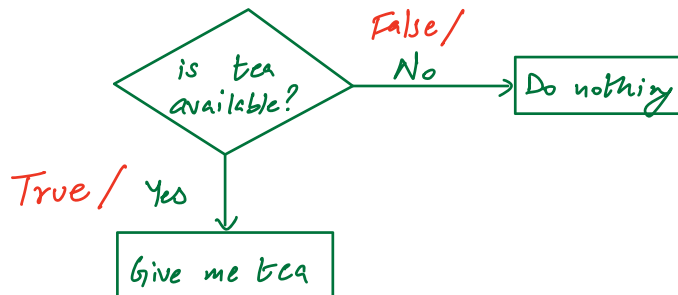

S2: **If** you have tea, give me tea
    Else give me coffee

```
        ┌─────────────┐   False/
        │  is tea     │    No      ┌─────────────┐
        │  available? │──────────→ │ Give coffee │
        └─────────────┘            └─────────────┘
              │
       True/ Yes
              ↓
        ┌─────────────┐
        │ Give me tea │
        └─────────────┘
```
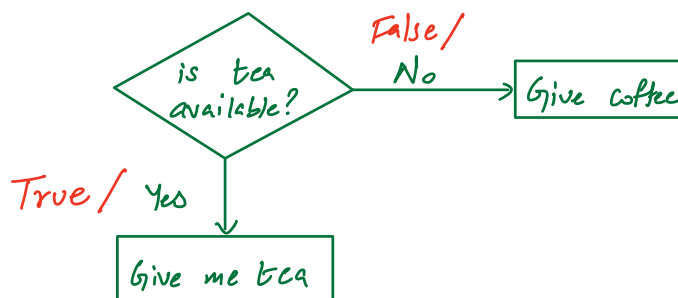

Syntax

                              ┌ Condition
                              ↓
S1:   if (tea is available ?) {

```
                      // Give   me  tea
          }

                           ſ condition
S2:        if ( tea  is  available ? ) {
                  // Give   me   tea
           }
           else {
                  // Give  me  coffee
           }
```

Condition : A statement with a
              Yes / No   answer
              True / False
                1 / 0

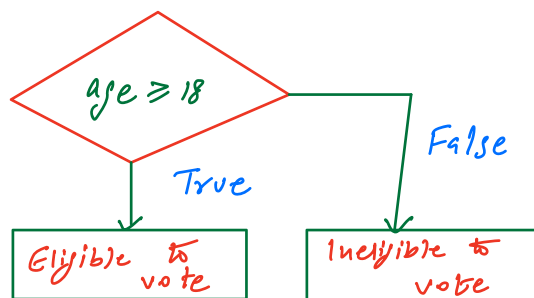Boolean statements / Boolean expression

Data Type : Boolean (True / False)

Operators

a > b   →   Yes / No
a ≤ b   →   Yes / No
a == b   →   Yes / No

$a \; != \; b \quad \longrightarrow \quad$ Yes / No

Quiz 1

true   ✓

$4 == 5$ ✓

$4 + 5$ 9   ✗

$4 < 5$ ✓

false   ✓

Q 1:   You have age of a person Print whether or not person is eligible to vote

$age \geq 18$ ✓

$age > 18$ ✗