Get Coffee

 $Main\ Success\ Scenario:$

- 1. Coffee drinker pulls the carafe
- 2. Coffee drinker gets a mug (cup)
- 3. Coffee drinker pours coffee into mug (cup)
- 4. Coffee drinker puts the carafe back

Alternate Scenarios:

- 3a If the carafe is or becomes empty, then the mug (cup) stops filling (this should be obvious)
- 3b If the coffee drinker continues to pour coffee into a mug that is full (at capacity), then the mug(cup) will not take in the extra coffee (the mug(cup) will overflow–again, should be obvious)
- 2a, 3c A coffee drinker can get more than one mug (in sequence) and continue to fill as fill mugs(cups) as long as there is coffee in the carafe (see item 3a above)