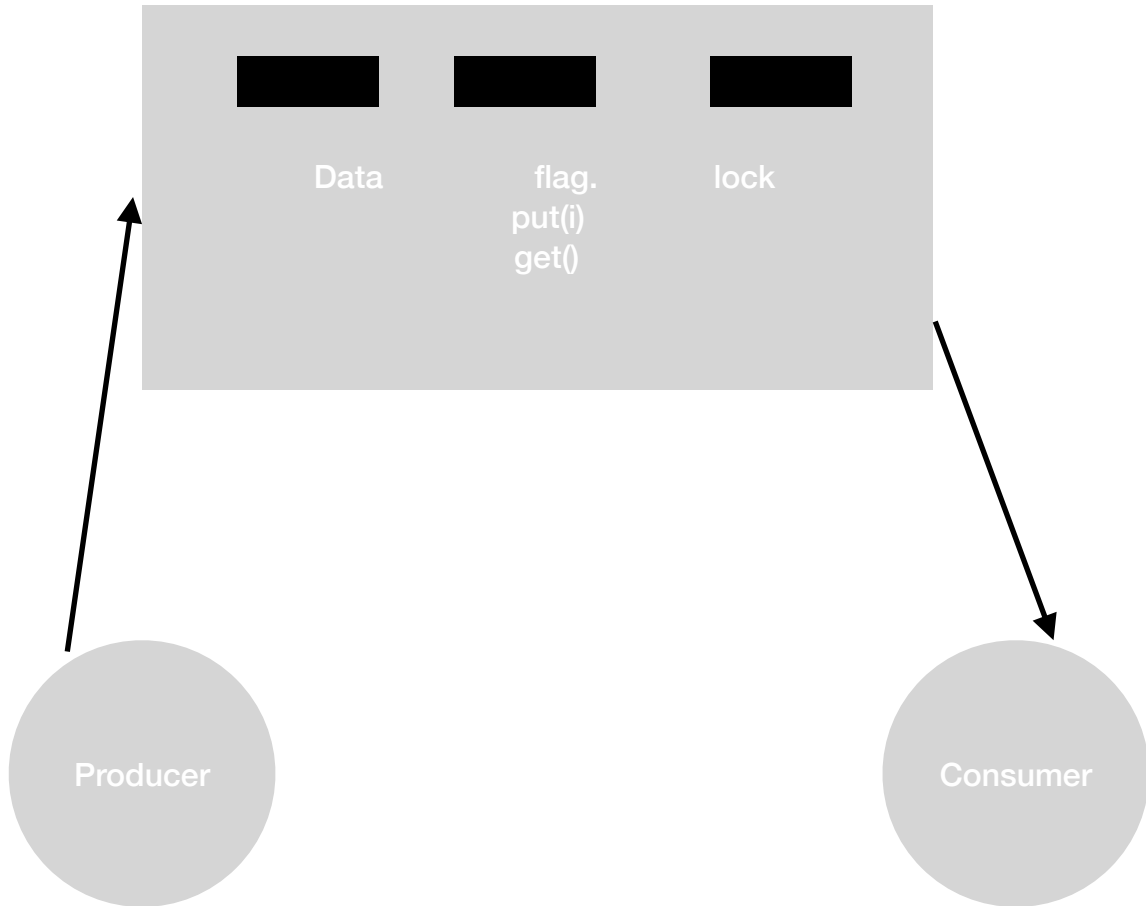
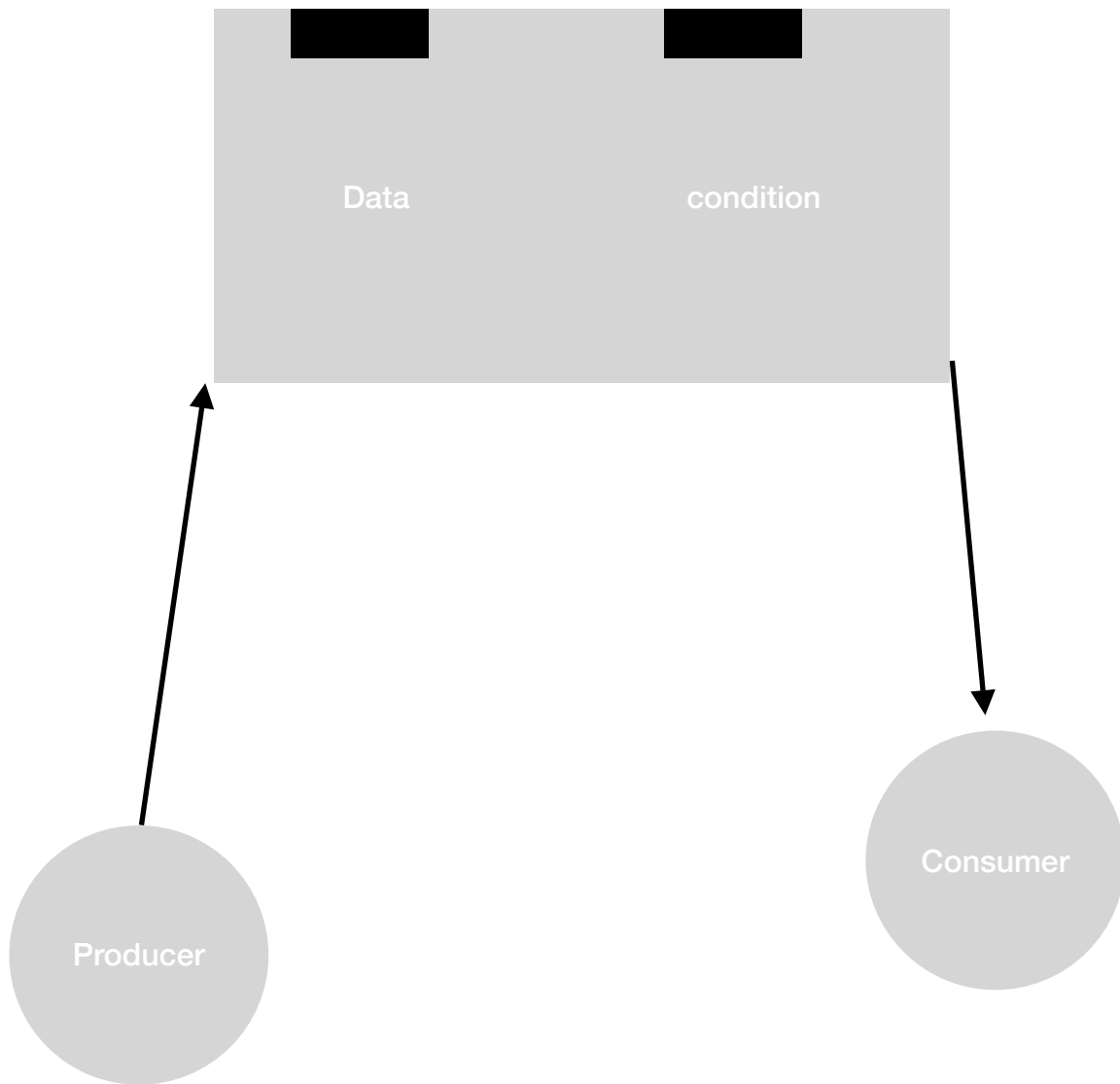


Inter process communication using queue





- In data we can keep only value but in queue we can keep multiple values.
- We give producer for producing the data and consumer to consume the data
- The queue has methods like `put()` and `get()`

```
class MyData:
    def __init__(self):
        self.data=0
        self.cv = Condition()

    def put(self,d):
        self.cv.acquire()
        self.cv.wait(timeout=0)
        self.data = d
        self.cv.notify()
        self.cv.release()
        sleep(1)

    def get(self):
        self.cv.acquire()
        self.cv.wait(timeout=0)
        x = self.data
        self.cv.notify()
        self.cv.release()
        sleep(1)
        return x
```