

Pseudocode for Assistant: (first draft)

```
while still customers arriving
{
    print "Assistant: I'm waiting for customers."
    while no customers waiting
        wait for customers to arrive
    print "Assistant: I'm waiting for barber to become available."
    while barber busy
        wait for barber to become ready
    print "Assistant: Call one customer with a ticket numbered n."
    call the first waiting customer
    call barber
    wait for confirmation from customer and barber
}
print "Assistant: Hi Barber, we've finished the work for the day."
Call barber to finish
```