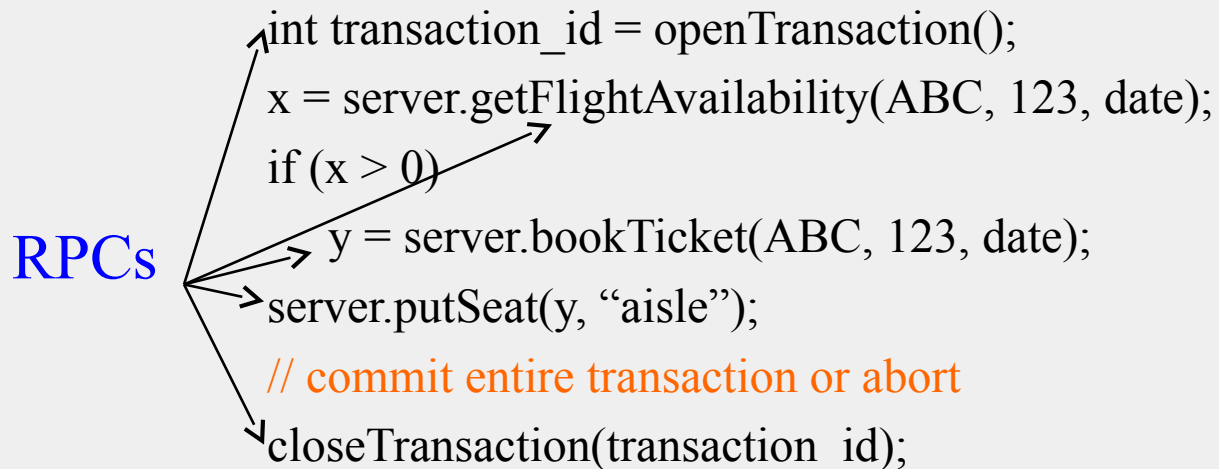


# Example: Transaction

Client code:

RPCs

```
int transaction_id = openTransaction();
x = server.getFlightAvailability(ABC, 123, date);
if (x > 0)
    y = server.bookTicket(ABC, 123, date);
    server.putSeat(y, "aisle");
// commit entire transaction or abort
closeTransaction(transaction_id);
```

A diagram illustrating Remote Procedure Calls (RPCs) within a transaction. On the left, the text "RPCs" is written in blue. Five arrows originate from this text and point to specific lines of code in a transaction sequence. The code lines are: 1. "int transaction\_id = openTransaction();" (arrow pointing to the end of the line), 2. "x = server.getFlightAvailability(ABC, 123, date);" (arrow pointing to the end of the line), 3. "if (x > 0)" (arrow pointing to the end of the line), 4. "y = server.bookTicket(ABC, 123, date);" (arrow pointing to the end of the line), and 5. "server.putSeat(y, 'aisle');" (arrow pointing to the end of the line). The line "// commit entire transaction or abort" is highlighted in orange and has no arrow pointing to it. The final line "closeTransaction(transaction\_id);" has an arrow pointing to the end of the line.