# Major 3 Checklist

## Programming / Functionality

* ARRAY DECLARATION:
  + Declare an array of doubles.
  + This array must be declared in main().
  + Each element of the array represents the room rate on a particular night, starting on Sunday.
* THE ATTENDEES:
  + Up to four people are renting hotel rooms in order to attend a meeting.
  + The meeting is on Thursday.
  + For each person, display their name and their total room cost.
  + At the end, display the total costs for the entire group.
* CONVERTING DAYS TO NUMBERS:
  + In the array containing the room rates, the first value corresponds with the rate for Sunday. Each subsequent value corresponds with the next day of the week.
  + Create a function called indexTheDay(). It converts from the user input to a useful array index.
* CALCULATING ROOM COST:
  + Create a function called calculateCostOfRoom().
* ERROR HANDLING:
  + There are five errors.
    - Missing name
    - Invalid check-in day
    - Invalid check-out day
    - Invalid length of stay
    - Missing the meeting
* INPUT AND OUTPUT:
  + Use fgets() for input.

## Things that help me

* Just to be absolutely clear, they do not have to pay for the day of check-out.

## Submitting

* submitting:
  + m3.cpp
  + checklist.pdf