Homework 2

1. A brief description of notable obstacles I overcame
   1. I made the mistake in this project of trying to make the total thing shorter by printing out and grabbing the values for my payment type and meal type before any if statements. This would have worked for every scenario besides the fact that if the response to the payment type were not an expected one, it would still move on to ask which meal the ticket/swipe is for. This would have been inconsistent with the rest of my program, which returned an error as soon as an unexpected value was inputted. I redid it from scratch to clean it up and make it function correctly.
2. A list of the test data I (could have) used
   1. When it came to testing, I tested all 12 possibilities of a correctly executed program, then purposefully misspelled a value for each question, and then entered empty strings for each question. I did not retest incorrect position or resStatus values, as those sections were copy-pasted from Breakfast and I knew that if they functioned in Lunch then they would function in Breakfast and Dinner. Same goes for resStatus, though that was copied and pasted each time it was needed. Every time, it functioned as expected. As a result, there were no test cases that my program did not handle correctly. In my first version, mentioned above, there would have been an error in the first question, had any incorrect answer been answered.

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| --- | --- | --- | --- |
| BruinCard | Breakfast | Student | Yes |
| BruinCard | Breakfast | Student | No |
| BruinCard | Breakfast | Staff |  |
| BruinCard | Lunch | Student | Yes |
| BruinCard | Lunch | Student | No |
| BruinCard | Lunch | Staff |  |
| BruinCard | Dinner | Student | Yes |
| BruinCard | Dinner | Student | No |
| BruinCard | Dinner | Staff |  |
| Ticket | Breakfast |  |  |
| Ticket | Lunch |  |  |
| Ticket | Dinner |  |  |
| Bruincard |  |  |  |
| ticket |  |  |  |
| BruinCard | breakfast |  |  |
| Ticket | breakfast |  |  |
| BruinCard | Lunch | staff |  |
| BruinCard | Lunch | Student | no |
| BruinCard | Lunch | Staff | no |
| \n |  |  |  |
| BruinCard | \n |  |  |
| BruinCard | Lunch | \n |  |
| BruinCard | Lunch | Student | \n |