CS 31 - Assignment 2 Report

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Report On Assignment 2

Difficulties:

1. The code was pretty messy when I first made it, so I tried to put the calculation part in another function within the code.
2. I had to look up how to test for an empty string and how to end the program when an input error is detected.
3. I had to check the instructions in detail for any requirements that I have missed, e.g. the line with the three hyphens.

Test Cases:

The words in the output is omitted unless the output is different/unexpected.

Sample Correct Output: The license fee for *Identification* is $*fee* million.

| Input | | | Output | Notes |
| --- | --- | --- | --- | --- |
| Identification | Revenue | Country |
|  | 50 | US | You must enter a property identification. | Error, empty identification |
| BRB | -5 | China | The expected revenue must be nonnegative. | Error for negative expected revenue |
| BNB | 50 |  | You must enter a country. | Error for empty country |
| BBB | 1 | US | 0.181 | Revenue<=20, Non-special country |
| BBC | 1 | Turkey | 0.181 | Revenue=< 20, Turkey |
| BBC | 1 | UAE | 0.181 | Revenue=< 20, UAE |
| ABC | 21 | Nowhere | 3.823 | 20 < Revenue <= 30, Non-Special Country |
| ABC | 21 | Turkey | 3.837 | 20 < Revenue <= 30, Turkey |
| ABC | 21 | UAE | 3.837 | 20 < Revenue <= 30, UAE |
| ABC | 51 | A Country | 9.940 | 50 < Revenue, Non-special |
| ABC | 51 | UAE | 10.360 | 50 < Revenue, UAE |
| ABC | 51 | Turkey | 10.360 | 50 < Revenue, Turkey |
| Q Motel | 51 | Nowhere | 9.940 | Identification with spaces |
| ART | 51 | Hong Kong | 9.940 | Country with spaces |
| BTB | 0 | Somewhere | 0.000 | Revenue = 0 |
| GTG | 30 | Somewhere | 5.650 | Revenue = 20, Non-special country |
| TGT | 30 | UAE | 5.790 | Revenue = 30, UAE |