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Obstacles:

* If the input has multiple errors, the output is only supposed to acknowledge the first error made. This was fixed by using the “return -1” function
* In my first test, all test cases failed because I put the prompts as “month:” or “day:” and I could not recognize this error until a while after
* I also forgot how to make the payment output stop at two decimal places, but then I remembered the magic formula
* I had trouble checking if all 50 states were written correctly
* Xcode also notified me that the bool variables used were being “unused” which stopped my code from compiling. I then initialized the bool variables at the top of my code.

Test Cases:

State Name: **Texas**

Purchase amount: **30.56**

Provide the month: **January**

Provide the day: **1**

Provide the year: **2021**

* Tests if the correct output comes out

State Name: **texas**

Purchase amount: **30.56**

Provide the month: **January**

Provide the day: **1**

Provide the year: **2020**

* Tests if the uncapitalized state gets checked

State Name: **Texas**

Purchase amount: **-30.56**

Provide the month: **January**

Provide the day: **1**

Provide the year: **2020**

* Tests if a negative amount gets checked

State Name: **Texas**

Purchase amount: **30.56**

Provide the month: **January january**

Provide the day: **1**

Provide the year: **2020**

* Tests if a double month is checked

State Name: **Texas**

Purchase amount: **30.56**

Provide the month: **February**

Provide the day: **-10**

Provide the year: **2000**

* Tests if the day gets checked

State Name: **Texas**

Purchase amount: **30.56**

Provide the month: **March**

Provide the day: **3**

Provide the year: **-101**

* Tests if the year gets checked

State Name: **Wyoming**

Purchase amount: **34.34**

Provide the month: **5**

Provide the day: **-3**

Provide the year: **-4**

* Tests that only the first error will show up

State Name: **Noth Carulina**

Purchase amount: **13.12**

Provide the month: **May**

Provide the day: **12**

Provide the year: **2003**

* Tests that the mispelled state is checked

State Name: **Delaware**

Purchase amount: **13.13**

Provide the month: **may**

Provide the day: **4**

Provide the year: **2013**

* Tests that the uncapitalized month is checked

State Name: **Florida**

Purchase amount: **0**

Provide the month: **July**

Provide the day: **13**

Provide the year: **2003**

* Tests that the amount is checked

State Name: **Montana**

Purchase amount: **13.40**

Provide the month: **July**

Provide the day: **23**

Provide the year: **2014**

* Tests that a month that does not have taxes comes out correctly

State Name: **Nevada**

Purchase amount: **23.32**

Provide the month: **August**

Provide the day: **6**

Provide the year: **2001**

* Tests that one of the states with similar tax exemption dates come out correctly

State Name: **South Carolina**

Purchase amount: **13.13**

Provide the month: **August**

Provide the day: **7**

Provide the year: **2005**

* Tests that one of the states with similar tax exemption dates come out correctly

State Name: **Texas**

Purchase amount: **40.39**

Provide the month: **Febuary**

Provide the day: **23**

Provide the year: **2020**

* Tests that a misspelled month is checked

State Name: **Texas Texas**

Purchase amount: **13.12**

Provide the month: **January**

Provide the day: **10**

Provide the year: **2020**

* Tests that a repeated state comes out as an error