Tip Calculator

> And now for my Wizard tip calculator.
>
> — Morty Seinfeld

You just travelled to the US and you found out that it is customary to give tips to restaurant workers. You want to calculate15% or more of your meal's cost. Not to worry, though, a tip calculator has been written for you below!

```python
def main():
    dollars = dollars_to_float(input("How much was the meal? "))
    percent = percent_to_float(input("What percentage would you like to tip? "))
    tip = dollars * percent
    print(f"Leave ${tip:.2f}")

def dollars_to_float(d):
    # TODO

def percent_to_float(p):
    # TODO

main()
```

Well, most of the calculator tio has been written for you. Unfortunately, there wasn't enough time to implement the other two functions

- dollars_to_float, which should accept a str as input (formatted as $##.##, wherein each # is a decimal digit), remove the leading $, and return the amount as a float. For instance, given $50.00 as input, it should return 50.0.
- percent_to_float, which should accept a str as input (formatted as ##%, wherein each # is a decimal digit), remove the trailing %, and return the percentage as a float. For instance, given 15% as input, it should return 0.15.

Assume that the user will input values in the expected formats.

Hints

- An input returns a str, per docs.python.org/3/library/functions.html#input.
- A float can convert a str to a float, per doc per docs.python.org/3/library/functions.html#float.
- A str comes with quite a few methods, per docs.python.org/3/library/stdtypes.html#string-methods.

How to Test

Here's how to test your code manually:

- Run your program with python tip.py. Type $50.00 and press Enter. Then, type 15% and press Enter. Your program should output:

Leave $7.50

- Run your program with python tip.py. Type $100.00 and press Enter. Then, type 18% and press Enter. Your program should output:

Leave $18.00

- Run your program with python tip.py. Type $15.00 and press Enter. Then, type 25% and press Enter. Your program should output

Leave $3.75

Demo

```
$ python tip.py
How much was the meal? $50.00
What percentage would you like to tip? 15%
Leave $7.50
$ 
```

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