Question 1. [6 MARKS]

You are responsible for creating a class to represent a political party. A party has a name and a leader, and accepts donations. Each donor is identified by an integer, such as 253. Here is an example of how we want to use this class.

```
>>> p = Party('Muggle Party of Canada', 'Arthur Weasley')
>>> p.record_donation(253, 150.0)
>>> p.record_donation(987, 25.39)
>>> p.record_donation(253, 300.5)
>>> p.donations_of(253)
450.5
>>> p.donations_of(1)
0.0
>>> p.total_donations()
475.89
```

Below and on the next page complete the implementation of this class so that the example code above will run as shown. You may choose any reasonable way to store the necessary data. Do not add anything to the public interface for this class beyond what is demonstrated in the example code.

Assume that the appropriate types have been imported from `typing`.