Question 1. [6 MARKS]

You are responsible for creating a class to represent an election riding. A riding has a name, and has voters, each identified by their social insurance number (we use single digits for simplicity in the example below). Once a voter has voted, they are not allowed to vote again. (Our simple class has no way to reset this.) Here is an example of how we want to use this class.

```
>>> r = Riding('Donlands')
>>> r.add_voters([5, 3, 9])
>>> r.add_voters([1, 2, 3, 4])   # Adding voter 3 again does nothing and raises no error.
>>> r.can_vote(2)
True
>>> r.can_vote(6)
False
>>> r.voted(2)
>>> r.can_vote(2)
False
```

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.