Write a Python script that uses an accumulator variable to compute the average of a list of floating point numbers (e.g., the ages, in years and fractions thereof, of the participants in a study on ADHD medication in adolescents).

Suppose you have a list of floats containing the ages of your study participants, called `ages`. For example,

```python
generate ages
>>> print ages
[13.3, 15.2, 17.1, 16.9, 14.0, 13.5]
```

How would you compute the average age of all the participants? You may assume that all the entries in the list are already of type `float`. 

Exercise 10/12/16, loops and lists and accumulators in Python