P1. Write a program with a For loop to double a variable value: ask a user for (1) a base number b (as float) and (2) a number of iterations N (as integer), execute b = 2*b for each iteration and do it for N times, then report the results.

Example:

```
==============================================================
Base number:2.5
# iterations:3
i: 0 , b= 5.0
i: 1 , b= 10.0
i: 2 , b= 20.0
Final b = 20.0
==============================================================
```

Recall: For statement has syntax

```
for counting_valuable in iterable:
      # for body
      # statements to work in each iteration
# Next statement after for-statement.
```