Organisms

Write a program that predicts the approximate size of a population of organisms. The application should allow the user to enter the starting number of organisms, the average daily population increase (as a percentage), and the number of days the organisms will be left to multiply.

   Test your program with the data in Table 1. Finally, format your program to match the sample terminal. Your output should exactly match the sample output, character for character, including all white space and punctuation. User input in the sample has been highlighted in Pappy's Purple to distinguish it from the program's output, but your user input does not need to be colored. Save your program as organisms.py and submit it along with a screenshot showing a run of the test case.

Input			Output	
Start	Rate	Days	Day	Pop.
2	30	15	1	2.0000
			2	2.6000
			3	3.3800
			4	4.3940
			5	5.7122
			6	7.4259
			7	9.6536
			8	12.5497
			9	16.3146
			10	21.2090
			11	27.5717
			12	35.8432
			13	46.5962
			14	60.5750
			15	78.7475

Table 1: Population test data.

Terminal

```
$ python organisms.py
Starting number, in million: 2
Average daily increase, in percent: 30
Number of days to multiply: 15
Day    Approx. Pop
  1          2.0000
  2          2.6000
  3          3.3800
  4          4.3940
  5          5.7122
  6          7.4259
  7          9.6536
  8         12.5497
  9         16.3146
 10         21.2090
 11         27.5717
 12         35.8432
 13         46.5962
 14         60.5750
 15         78.7475
```