

Homework 3

- Install BioPython on your computer, and make sure you can import it successfully before lab on Monday.

<http://biopython.org/DIST/docs/install/Installation.html>

- Send me (sludtke@bcm.edu, not Amanda) what you plan to do for your class project (even if you already sent it in with the last homework) by next Friday.

1) Write a program to print a power table (y^x), with nice formatting, with both axes going from 2 to 10, and 5 significant figures if you elect to use scientific notation for some values. e.g. -

	2	3	4	5	...
2	4	8	16	32	
3	9	27	81	243	
4	16	64	256	1024	
5	25	125	625	3125	
...					

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2) Write a program that can read 2-column text files containing numbers. Assume the 2 numbers on each line are X and Y coordinates. Compute and print the average X and Y values (the center of mass of the set of points). The numbers on each line may be separated by any whitespace (any number of spaces or tabs).

eg-

```
1  2
2  3.2
2.9 3.9
4.1 5.0
...
```