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# COIS 2020 H: Data Structures and Algorithms

2024, winter

Assignment 1

Fill out the following table. You must paste **screenshots** (images), NOT text (copy/paste).

**YOUR NAME: Dikshith Reddy Macherla (0789055)**

|  |
| --- |
| **Paste a screenshot showing the** position **class here.** |
| **Paste a screenshot showing the** animal **class here.** |
| **Paste a screenshot showing the** cat **class here.** |
| **Paste a screenshot showing the** Snake **class here.** |
| **Paste a screenshot showing the** main **method here.** |
| **Paste a screenshot showing the code that traverses the *array*, along with another screenshot showing the terminal (output) after traversing the array and printing out the information of all** animals**.** |
| **Paste a screenshot showing the code that traverses the *list*, along with another screenshot showing the terminal (output) after traversing the list and printing out the information of all** animals**.** |
| **Paste a screenshot showing the code that moves all animals in the *array*, along with another screenshot of the terminal (output) showing the animals' information before AND after moving them. [See step 4 under the Main method description]** |
| **Paste a screenshot showing the code that moves all animals in the *list*, along with another screenshot of the terminal (output) showing the animals' information before AND after moving them. [See step 4 under the Main method description]** |