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CIS 1202.501

Final Project Documentation

Instructions:

1. When the program starts, it starts a loop that presents a menu of three choices. Users should enter a number 1-3 that corresponds to the desired choice.
2. The program will verify the entered number, prompting for re-entry if the input is not an integer from 1 through 3.
3. Option 1 calls the getSnakeInfo() function:
   1. Prompts the user to input information about a pet snake, including name, breed, weight, length, and if the snake is venomous (Y/N question, both upper and lower case input is accepted).
   2. Creates an instance of the Snake class and passes this information to a Snake class function to print the whole record to the console.
   3. Gives a warning if the snake is over a certain weight.
   4. Gives the user the option to write the info in the record to an external binary file.
   5. Disabled code is also included to read the info from the written file back to the console as a driver; this code can be un-commented in the IDE for this use.
   6. Returns to main() and restarts the loop.
4. Option 2 calls the getDogInfo() function:
   1. Prompts the user to input information about a pet dog, including name, breed, weight, coat color, and energy level.
   2. For the energy level “low”, this must be entered in all lower case to prompt the warning message.
   3. Creates an instance of the Dog class and passes this information to a Dog class function to print the whole record to the console.
   4. Gives a warning if the dog’s energy level is low.
   5. Gives the user the option to write the info in the record to an external binary file.
   6. Disabled code is also included to read the info from the written file back to the console as a driver; this code can be un-commented in the IDE for this use.
   7. Returns to main() and restarts the loop.
5. Only option 3 exits the program loop.