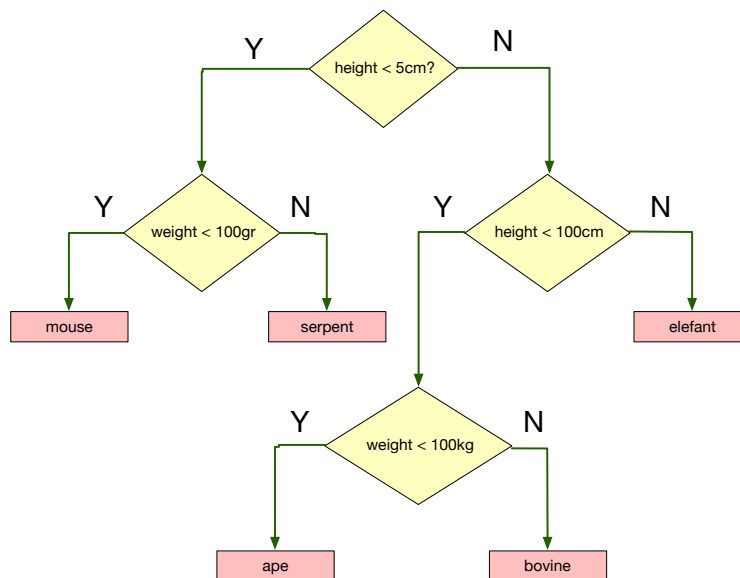# Midterm 1 Preparation

Volume 3

1. Write a program that asks the user for a distance in nautical miles and returns the distance in kilometers.

2. Write a program that asks the user for a string. It then prints out the same string with all vowels capitalized.

3. Write a program that asks the user for a height and a weight value. The program then prints out a decision obtained by using the following decision tree:

4. Write a function that opens a file in which there are words on each line. The function writes all words that start with an "E" or "e" into another file.