Spring 2016

1. Write a program that prompts the user for a month, a day, and a year and then prints the date out in the format xx/xx/xxxx (for example 8/24/2014)

2. Write a program that prompts the user for a voltage and a resistance. The program should then print the current and power dissipated by the resistor. Use Ohm's law and P = VI for your calculations. Values should be displayed to two decimal places. All values should be floating point numbers.

3. Write a program that prompts the user for a number of seconds and then converts it to h:m:s format. Example: 5000 seconds should display as 1:23:20 (1 hour, 23 minutes, 20 seconds.) Test with several values between about 100 seconds and 10,000 seconds.