Arithmetic operations

1. Write a program that takes the radius of a circle from the user and prints the area and circumference of the circle.
2. Write a program that will take the length and width of a rectangle from the user and prints the area and perimeter of the rectangle.
3. Write a program that will take the height and base of triangle from the user and prints the area of the triangle.
4. Write a program that takes the height of the user in meter and converts it to feet. (1 inch = 2.54 cm, 1 foot = 12 inch).
5. Write a program that takes a temperature input in Fahrenheit and displays the temperature in Celsius and in Kelvin. Use the conversion formulae $5(F - 32) = 9C$ and $C = K - 273.15$.
6. Write a program that converts the number of days into month and years. For example, if the user inputs 813 days, the program prints: 2 years 2 months 23 days. (don't worry about leap year and you can calculate using 1 month = 30 days)
7. Write a program that takes the number of hours as input and displays the equivalent number of weeks, days, and hours. For example, if the user inputs 4000 hours, the program displays 23 weeks, 5 days and 16 hours.
8. Write a program that swaps (exchanges) the values of two variables.
9. Write a program that swaps the values of two variables without using a 3rd variable.
10. Write a program that takes a 3-digit positive integer from the user and then prints the reversed number. For example, if the user enters 289, the program prints 982.
11. Take an integer from the user and print the last digit of that number. For example, if the user enters 10773, the program prints 3.
12. Write a program that takes a decimal number from the user and then prints the integer part and the decimal part separately. For example, if the user enters 2.718, the program prints: Integer part = 2 and decimal part = .718.