

Shell Scripting Exercise 2

In this exercise, we will write a series of shell scripts that will accomplish what the supervisor asks. At the beginning of the program, we should add a comment explaining what the program does. We should add comments throughout the program for other programmers to read.

1. Write a shell script called `area` that finds the square feet of a room and converts the number to square meters. Use the variables **width** and **length** to hold the two numbers. One square foot equals 0.09290304 square meters.

2. Write a shell script that outputs a string of numbers from 1 to a prompted number and counts at a prompted interval. An example is to start at 1 and end at 100 counting every 5 numbers such as 1, 6, 11... all the way to 100.

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3. Write a shell script that converts a prompted decimal to a percentage.

4. Write a shell script that asks for the name of your favorite color and compares it to the set of colors of green, brown and blue.

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5. Write a shell script that checks the computer's day to what the user is prompted.

6. Write a shell that calculates the amps of a computer device if we prompt for the watts of the power supply and the voltage.