

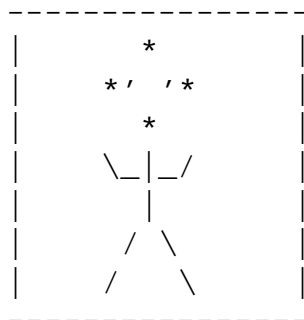
CSE 105, Lab 6, Summer 2006

cse.unl.edu/~cstrope/csce105su06/lab/lab6

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1. A metric ton is 35,273.92 ounces. Write a program that will read the weight of a package of breakfast cereal in ounces and output the weight in metric tons as well as the number of boxes needed to yield one metric ton of cereal. Your program should allow the user to repeat this calculation as often as the user wishes.
2. We have dealt a lot with stick-men. Write a program that will draw a stick-man inside of a box. You should prompt the user to enter the width of the box that the stick-man will be in, as well as the height of the box. You should also output an error if either the height or the width is not large enough to accomodate the stick-man. Otherwise, draw the stick-man inside of the box. For example:



is a stick-man in a box 13 wide and 6 tall. Make your stick-man reasonably well centered in the box.

3. Write a program that displays the equation $\frac{1}{2} \sin(2x)$ vertically on the screen, as was done in class.