

The manager of a local hardware store, tired of the many long hours he spent at the store placing orders for customers, decided to hire your club to help him. His customers asked for items, such as nails, in inches, but the company who supplied the nails only sold them in centimeters or millimeters. Larger items, which his customers requested in feet or yards, were only sold by the meter. In order to reduce the amount of time the customers spent waiting for the manager to place the order, the manager requested a user-friendly U.S./Metric Converter.

Your application should allow the manager to convert values from among the U.S. measures of inches, feet, and yards. These values should be converted to millimeters, centimeters, or meters, as the manager selects.

The value to be converted will be entered as a decimal. If a non-numeric or negative value is entered for this value, an appropriate error message should be posted.

The manager, after selecting the appropriate U.S. measurement, the metric measure to convert to, and the value to convert, should be able to click a button and have the correct converted value appear.

The application should also allow the manager to *Exit* by clicking a button.

A sample form is displayed on the next page.

Hint: *There are 2.54 centimeters in an inch.*

The following is a sample of the form to be created:

Measurement Selection

U.S. Measure	Metric Measure
Inches	Millimeters
Feet	Centimeters
Yards	Meters

Conversion Information

Value To Convert	Converted Value
1	2.54

Convert Value Exit Program

(High School Visual Basic -- 30 points)