Template for maxValue Template

Description:

The program creates a generic template T which will work for all datatypes. This template can be used instead of overloaded functions which would save time and result in more readable and fewer lines of code. The function maxValue is able to accept parameters from the template and then use an if-else statement to return the larger value.

Output Example:

The largest number between the ints 40 and 41 is 41

The largest number between the doubles 89.9 and 75.8 is 89.9

Time elapsed: 000:00:031

Press any key to continue

Overloaded Functions

Description:

This program is the same as the program above instead it uses overloaded functions instead of a template. The result is still the same, however the program takes more time to run as evidenced by the output below.

Output Example:

The largest number between the ints 40 and 41 is 41

The largest number between the doubles 89.9 and 75.8 is 89.9

Time elapsed: 000:00:094

Press any key to continue