Algorithm Examples

1) An algorithm to read numbers entered by user and displays the sum. Input ends when negative number is entered. The negative number is not included in the sum.

2) An algorithm that determines if an entered year is a leap year or not, and then displays whether the year is a leap year or not. Simple formula to determine if year is leap year is if it is evenly divisible by 4.

3) An algorithm that reads a series of positive numbers and keeps track of the smallest and largest numbered entered. Input terminates when the user enters a negative number, then the smallest and largest number is displayed.