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#####
#####      EXERCISE #1 FOR LOOPS      #####
#####
#####      FIND MINIMUM OF VECTOR X      #####
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# Write a program that uses a loop to find the
# minimum of a vector x, without using any pre-
# defined functions like min(...) or sort(...).
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# You will need to define a variable, x.min say,
# in which to keep the smallest value you have yet
# seen. You can start by assigning x.min <- x[1]
# then use a for loop to compare x.min with x[2]
# x[3], etc. If/when you find x[i] < x.min,
# update the value of x.min accordingly.
```