

23. Input a series of numbers. End with a "rogue" of 999.
Output the number of positive numbers in the series
Output the number of negative numbers in the series
Output the number of zeros in the series
24. Produce the 2 times table (to 5 x 2) in the form
 $1 \times 2 = 2$
 $2 \times 2 = 4$
 $3 \times 2 = 6$
 $4 \times 2 = 8$
 $5 \times 2 = 10$
25. Modify problem 24 above so that any positive integer can be entered from the keyboard and the times table for that number will be printed (up to 5 times)
e.g.
What times table do you want? 40
 $1 \times 40 = 40$ etc
26. Input a series of integers. End with a "rogue" of 999
Output the number of times the "next" integer is twice the previous integer.
27. Input a series of numbers. End with a "rogue" of 999. Output the message "Series in sequence" if the series is in ascending sequence, or the message "Series not in sequence" if the series isn't. Note that if adjacent values are equal, the series is still in ascending sequence.
28. If a sentence is a series of words ended by a full-stop, and word is a series of letters that is ended by either a space or a full-stop, then output how many letters there are in a sentence when it is input character by character.
29. If a sentence is a series of words ended by a full-stop, and word is a series of letters that is ended by either a space or a full-stop, then output how many words there are in a sentence when it is input character by character.
30. For each of a set of students, take in a name and mark. Output the name and mark of the best student. The delimiter is "Quit" for the name.
31. For a group of employees, take in their name, hours, and pay rate. Calculate their gross pay, tax and nett pay (tax at 25% of gross), and output them. The delimiter is "Quit" for the name.
32. For a group of employees, take in their name, hours, and rate. Calculate their gross pay, tax and nett pay, and output them. Tax is at 25% on the first \$100, with the remainder at 33%. The delimiter is "Quit" for the name. At the end, also output the number of employees, and the total nett pay and the total tax for the group.
33. Runners in a race receive a handicap based on their age - 20% of their age is taken off their race time. The input for each person is their identifying number, age and race time. The input is ended by a "rogue" identifier number of 999. Output the winner's identifying number.
(You can assume there will always be at least 1 person competing.)
34. Input a series of integers ended by a value of 100. Output the highest and lowest values found and their respective positions in the series. If equal values occur, you can output any one of the positions they were in.