

P2. Write a program to calculate a spring force f (in N) for a spring with distance x (in m) from its resting shape and spring characteristic constant k (in N/m): ask a user for a distance x and a constant k , calculate spring force from $f = k x$ and report its result.

Example:

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Enter distance (m): 0.002
Enter spring constant (N/m): 3
The force is 0.006 N
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