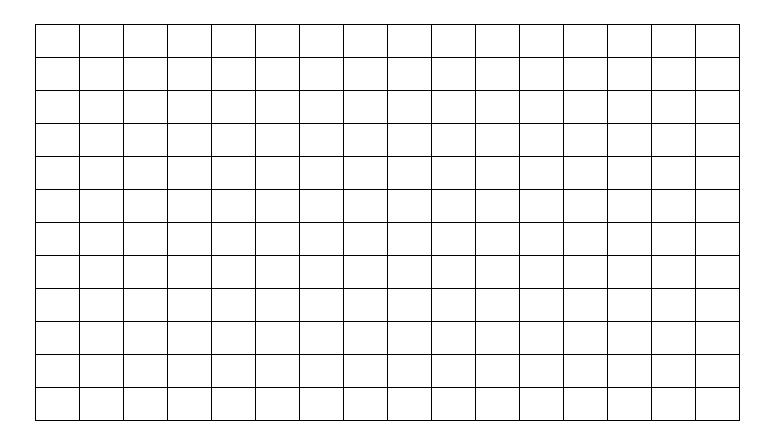
Floating point multiplication exercise:



Write a subprogram <code>allocate\_double\_array</code> that will prompt a user for array size and then allocates a dynamic of doubles array given array size. This subprogram does not get any arguments IN but returns two argument OUT, array base address and array size.

Write a subprogram <code>get\_average</code> that will get as argument IN base address of an array of doubles and array size. This subprogram returns an average in double precision floating point format.