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/* HARMON3.f -- translated by f2c (version of 22 July 1992  22:54:52).
   You must link the resulting object file with the libraries:
       -lF77 -lI77 -lm -lc   (in that order)
*/

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#include "f2c.h"

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/* Table of constant values */

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static integer c__4 = 4;
static integer c__1 = 1;
static integer c__3 = 3;

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/* Main program */ MAIN__()

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{
    /* System generated locals */
    real r__1, r__2;

    /* Builtin functions */
    integer s_wsle(), do_lio(), e_wsle();

    /* Local variables */
    static real a, b, c, d, e, f, g, h;
    static integer i, j, k, l, m, n;
    static real o, p;

    /* Fortran I/O blocks */
    static cilist io___3 = { 0, 6, 0, 0, 0 };
    static cilist io___18 = { 0, 6, 0, 0, 0 };

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    a = (float).5;
    b = (float)1.5;
    b += a;
    s_wsle(&io___3);
    do_lio(&c__4, &c__1, (char *)&b, (ftnlen)sizeof(real));
    e_wsle();
    r__1 = b;
    for (c = (float)2.; c <= r__1; c += (float)1.) {
        r__2 = c;
        for (d = (float)2.; d <= r__2; d += (float)1.) {
            e = (c * 2 + d - 3) / (c + d - 2);
            if (e == (float)1.) {
                f += 1;
            }
            if (e == (float)1.) {
                g += 1;
            }
            if (e == (float)1.) {
                h += 1;
            }
            if (e == (float)1.) {
                ++i;
            }

```

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    }
    if (e == (float)1.) {
        ++j;
    }
    if (e == (float)1.) {
        ++k;
    }
    if (e == (float)1.) {
        ++l;
    }
    if (e == (float)1.) {
        ++m;
    }
    if (e == (float)1.) {
        ++n;
    }
    if (e == (float)1.) {
        o += 1;
    }
    if (e == (float)1.) {
        p += 1;
    }
}
/* L190: */
}
/* L200: */
}
s_wsle(&io__18);
do_lio(&c__4, &c__1, (char *)&f, (ftnlen)sizeof(real));
do_lio(&c__4, &c__1, (char *)&g, (ftnlen)sizeof(real));
do_lio(&c__4, &c__1, (char *)&h, (ftnlen)sizeof(real));
do_lio(&c__3, &c__1, (char *)&i, (ftnlen)sizeof(integer));
do_lio(&c__3, &c__1, (char *)&j, (ftnlen)sizeof(integer));
do_lio(&c__3, &c__1, (char *)&k, (ftnlen)sizeof(integer));
do_lio(&c__3, &c__1, (char *)&l, (ftnlen)sizeof(integer));
do_lio(&c__3, &c__1, (char *)&m, (ftnlen)sizeof(integer));
do_lio(&c__3, &c__1, (char *)&n, (ftnlen)sizeof(integer));
do_lio(&c__4, &c__1, (char *)&o, (ftnlen)sizeof(real));
do_lio(&c__4, &c__1, (char *)&p, (ftnlen)sizeof(real));
e_wsle();
f = (float)0.;
g = (float)0.;
h = (float)0.;
i = 0;
j = 0;
k = 0;
l = 0;
m = 0;
n = 0;
o = (float)0.;
p = (float)0.;
a *= 2;
/* L210: */
} /* MAIN__ */

```