Program Name: **bi2aeq2**

Language: Fortran

Objective: Computation of minimally required sample sizes for the exact Fisher type test for equivalence against an arbitrary alternative

Input[1)]*:*

RHO1	lower equivalence limit to the odds ratio
RHO2	upper " " " " " " " " " " " "
ALPHA	level of significance
P1	probability of a positive response ("success") in Group 1
P2	" " " " " " " " " " " " " " " " " " Group 2
BETA	minimal power to be achieved against the alternative (P1,P2)
QLAMBD	sample-size ratio = [number of observations in Sample 1]/ [number of observations in Sample 2]

Output[2)]*:*

RHO1	value read from input file
RHO2	" " " " " " "
ALPHA	" " " " " " "
P1	" " " " " " "
P2	" " " " " " "
BETA	" " " " " " "
LAMBDA	" " " " " " " [= QLAMBD]
M	sample size required for Group 1
N	" " " " " " " Group 2
POW	exact rejection probability under (P1,P2) with (M,N) observations

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[1)] to be read from the file specified in the first OPEN statement
[2)] written to the file specified in the second OPEN statement