NAG Library Function Document
nag_create_nan (x07bbc)

1 Purpose
nag_create_nan (x07bbc) creates a NaN (Not A Number).

2 Specification
#include <nag.h>
#include <nagx07.h>
void nag_create_nan (Integer quiet, double *x)

3 Description
nag_create_nan (x07bbc) sets x to be a quiet or a signalling NaN (Not A Number).

4 References

5 Arguments
1: quiet – Integer 
   Input
   On entry: determines whether a quiet or a signalling NaN is to be created. If quiet = 1, the returned NaN is quiet, otherwise it is signalling. See reference IEEE (2008) for the distinction between the two kinds.

2: x – double *
   Output
   On exit: the required NaN value.

6 Error Indicators and Warnings
None.

7 Accuracy
Not applicable.

8 Parallelism and Performance
Not applicable.

9 Further Comments
None.

10 Example
See Section 10 in nag_is_finite (x07aac).