

# UCF Local Contest — September 3, 2011

## **Knight Moves – Black Edition**

*filename:* blackknight

The Black Edition of Knight Move is identical to the Gold Edition except that it deals with a much larger input range (limit). More specifically, the new range for the board size is:

$$N \ (3 \leq N \leq 10^{15})$$

Please note that all the specs from the Gold Edition (except the board size) should be followed for this Black Edition.