Math 2001 - Writing project 1

The following **writing project** will be graded on clarity and correctness and should be typed in LaTeX.

Write a complete guide to the game Poison for n stones. Include the following:

(1) a section describing the game;
(2) another section that contains the main result as a theorem: What is the outcome of the game depending on n (i.e., who will win if both players know what they are doing?);
(3) a proof for the theorem describing the optimal strategy and arguments why this strategy works.