2014 AP® COMPUTER SCIENCE A FREE-RESPONSE QUESTIONS

- 2. This question involves reasoning about the GridWorld case study. Reference materials are provided in the appendixes.
 - A Director is a type of Rock that has the following characteristics.
 - A Director has an initial color of Color.RED and alternates between Color.RED and Color.GREEN each time it acts.
 - If the color of a Director is Color.GREEN when it begins to act, it will cause any Actor objects in its neighboring cells to turn 90 degrees to their right.

Write the complete Director class, including the zero-parameter constructor and any necessary instance variables and methods. Assume that the Color class has been imported.