Homework 2
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Problem 1

./Grid.py
https://github.com/nosv1/seagraves_unmanned_systems/blob/main/HW2/Grid.py

```python
1  class Grid:
2
3      ...
4
5      def node_in_obstacle(self, position: Node) -> bool:
6          """
7          Checks if a position is in an obstacle
8          :param position: position to check
9          :return: True if in obstacle, False otherwise
10         """
11         for obstacle in self.obstacles:
12             if position.distance(obstacle) <= self.obstacle_radius:
13                 return True
14         return False
```