
Data Structure.

In this MtStHelens problem, I tried to use PriortyQueue since it can compare each element(Point Type) on its own, only need to create a new comparator. The time complexity of choosing the smallest-F(n) point can be reduced. Then I also utilize this method to the former problems. Also, I changed the breaking point of the while loop. Instead of load all parentpoint recursively after the while loop, I put a for loop if the endpoint is detected. In this way, the function could be more efficient.□

Div Heuristics.

I improved my Heuristic function by multiply the number in the root sign by 2. Because the $\frac{a_1}{a_n+1}$ *part will not be counted when double the denominator, it will leave a factor of 2, and this could reduce covered spaces, reducing the TimeTaken.*□