

Assignment 02

1. Define a recursive procedure in Python to find the sum of 1st n terms of an equal-interval series given the 1st term and the interval.
2. Define a recursive procedure in Python to find the length of a path between two vertices of a directed weighted graph.
3. Write a program in Python to calculate the heuristic for 8 puzzle problem where the heuristic is the Manhattan distance of the tiles.
4. Write a program in Python to calculate the heuristic for 8 queen problem where the heuristic is the number of attacking pairs.