

Assignment No 2

Submission Deadline: 18/11/2021

Write down program in python to solve missionaries and cannibal problem described below. Your program should use both BFS and DFS algorithms to find the path of the solution as well nodes visited by the algorithm.

Missionaries and Cannibals Problem:

There are Three missionaries, and three cannibals on the left bank of a river. There is one boat which can hold one or two people. Find a way to get everyone to the right bank, without ever leaving a group of missionaries in one place outnumbered by cannibals in that place.