

Problem formulation

Snake game

States:location of snake board

initial state: any number of location to eats food

successor function:picking eat food

goal test:maximum length for snake

path cost: 1per move

Student name	email	Section
Mahmoud Ahmed abd Elbaky	mahmoudabaki@std.mans.edu.eg	13
Ahmed Adel fouad mahmoud	adel56725@std.mans.edu.eg	2
Mahmoud mohamed Abd Elaal	mahmoudabdelaal@std.mans.edu.eg	13
Omar Mohamed ali salem	omarmohamed@std.mans.edu.eg	9