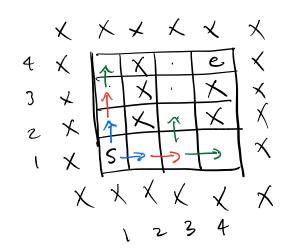
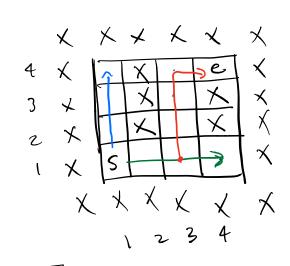
CS 32 - Discussion 1B	
Stacks, Queves, and some of their applications	
push	int* ptr = new int(10); Cout << *ptr;
Stack	int val = $10i$ int* ptr = &val
book —> [-> 6.6
Standard Library	
#meluk < queve >	
Stack (int? 5 i gierre (int? 9 i	
honerark ? problem, 1-4 Checky it there is a path between	to points in a mate



[Breadth-First Search]
Explore all putters in parallel"



Dephr-first Search

Cro as for as fossible

Jour 1 path before

explory next path

Search (s, e, more) Stack/greve < Coard > Frontier // Contains expland cells
at the "egge"

frontier. push (5) while (Frontier is not empty)

Current = Frontier. pop() // returns of remains top

return true;

else:

For each rext_step adjunct to current;

if next_step is ast 'seen':

Frontier.push (next_step)

mark next_step as 'seen'

return felse; Using stack \Longrightarrow Depth-first search Using given \Longrightarrow Breadth-first search

