Alex Rozenblit

CS 110

Homework 2

Picobot

1. 0 x\*\*\* -> N 1

1 x\*\*\* -> N 2

1. 0 \*\*x\* -> W 1

1 \*\*x\* -> W 2

2 \*\*x\* -> W 3

3 \*\*x\* -> W 4

1. 0 x\*\*\* -> N 1

1 x\*\*\* -> N 2

2 \*\*x\* -> W 3

3 \*\*x\* -> W 4

4 \*\*\*x -> S 5

5 \*\*\*x -> S 6

6 \*x\*\* -> E 7

7 \*x\*\* -> E 8

1. 0 x\*\*\* -> N 1

1 x\*\*\* -> N 2

2 \*\*x\* -> W 3

3 \*\*x\* -> W 4

4 \*\*\*x -> S 5

5 \*\*\*x -> S 6

6 \*x\*\* -> E 7

7 \*x\*\* -> E 8

8 x\*\*\* -> X 0

1. 0 \*\*x\* -> W 0

0 \*\*W\* -> S 1

1 \*\*\*x -> S 1

1 \*\*\*S -> x 2

2 x\*\*\* -> N 2

2 Nx\*\* -> E 3

3 \*\*\*x -> S 3

3 \*\*\*S -> E 2

1. 0 xEW\* -> N 0

0 xx\*\* -> E 1

0 xEx\* -> N 0

0 NxW\* -> E 1

0 NEx\* -> W 2

0 Nxx\* -> E 1

0 NEWx -> S 3

1 Nx\*S -> E 1

1 \*x\*x -> S 3

1 xx\*S -> E 1

1 NE\*x -> S 3

1 xE\*S -> N 0

1 xE\*x -> S 3

1 NExS -> W 2

2 N\*xS -> W 2

2 x\*x\* -> N 0

2 N\*xx -> W 2

2 x\*WS -> N 0

2 N\*Wx -> S 3

2 x\*Wx -> N 0

2 NxWS -> E 1

3 \*EWx -> S 3

3 \*\*xx -> W 2

3 \*xWx -> S 3

3 \*ExS -> W 2

3 \*xWS -> E 1

3 \*xxS -> W 2

3 xEWS -> N 0