

USER GUIDE

Basic Functionality: Pizzabot [grid] [coordinates]

```
C:\Users\Owner>pizzabot 5x5 (0, 0) (1, 3) (4, 4) (4, 2) (4, 2) (0, 1) (3, 2) (2, 3) (4, 1)
DNDNNEDEDESSEDNDNDND
```

Draw Route: Pizzabot -d [grid] [coordinates]

```
C:\Users\Owner>pizzabot -d 5x5 (0, 0) (1, 3) (4, 4) (4, 2) (4, 2) (0, 1) (3, 2) (2, 3) (4, 1)
DNDNNEDEDESSEDNDNDND
```

(index)	0	1	2	3	4
4	[]	[]	[]	[]	'D'
3	'E'	'DE'	'DE'	'S'	'N'
2	'N'	[]	[]	'DS'	'DDN'
1	'DN'	[]	[]	'E'	'DN'
0	'DN'	[]	[]	[]	[]

Manual: pizzabot --help / pizzabot \$0 --help / pizzabot test --help

```
C:\Users\Owner>pizzabot $0 --help
commands.js
```

Default pizzabot command

Expected Arguments: [grid] [coordinates]

Example Arguments: : 5x5 (0, 0) (1, 3) (4, 4) (4, 2)

Options:

--help	Show help	[boolean]
--version	Show version number	[boolean]
-d, --draw	Draw route taken	[boolean]

Test: pizzabot test

```
C:\Users\Owner>pizzabot test
```

Running Tests

TESTING ARGUMENT VALIDATION FUNCTION:

Missing brackets on coordinate

Unable to parse coordinate arguments, please recheck

Test Parameters: 5x5 (0, 0) (1, 3) (4, 4) (4, 2) (4, 2) (0, 1) (3, 2) (2, 3) (4, 1)

Expected Output: false

Actual Output : false

SUCCESS

Points sitting outside grid

One of the specified coordinates has a Y value that sits outside the grid and cannot be delivered too

Test Parameters: 1x1 (0, 0) (1, 3) (4, 4) (4, 2) (4, 2) (0, 1) (3, 2) (2, 3) (4, 1)

Expected Output: false

Actual Output : false

SUCCESS

Empty Grid

That isn't much of a grid

Test Parameters: 0x0 (0, 0) (1, 3) (4, 4)

Expected Output: false

Actual Output : false

SUCCESS