

Backend coding task

Write a command-line application with Node.js that returns the coordinates of a key on a telephone keypad based on user input.

We expect to receive your code either as an email attachment or as a link to GitHub or other code hosting platform (make sure we can access it). Include instructions on how to run the application; you can assume we already have Node.js v14 installed.

Task details

The keypad looks as follows:



You can think of it as a grid of 3 columns and 4 rows with the following indices:

	1	2	3
1	_	_	_
2	_	_	_
3	_	_	_
4	_	_	_

We expect the program to return a [row, column] pair; handle the edge cases as you see fit.

Examples:

User input: 8
Result: [3,2]

User input: H
Result: [2,1]

User input: #
Result: [4,3]

User input: u
Result: [3,2]