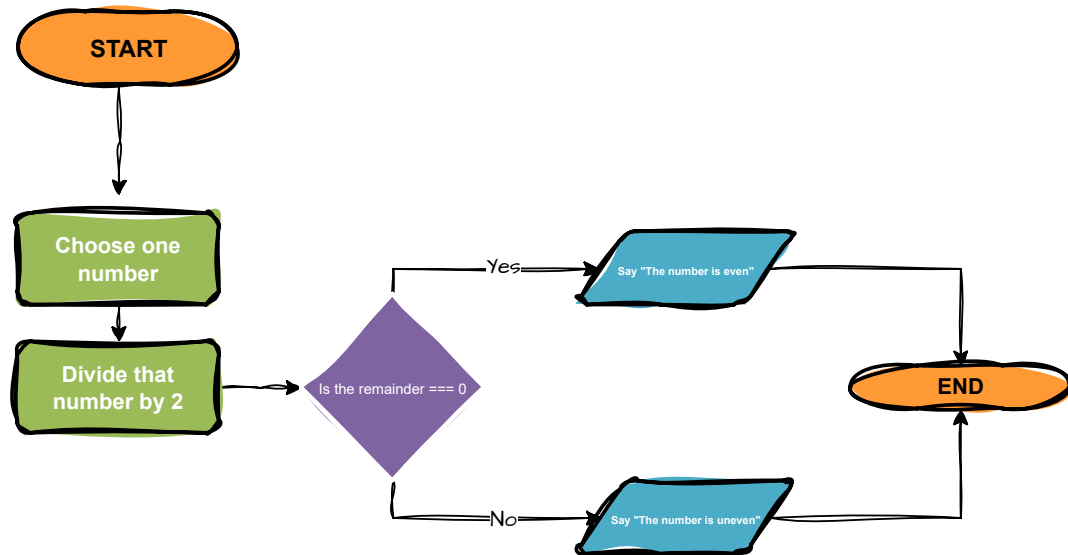


2.1.

CHECK IF ONE NUMBER IS EVEN

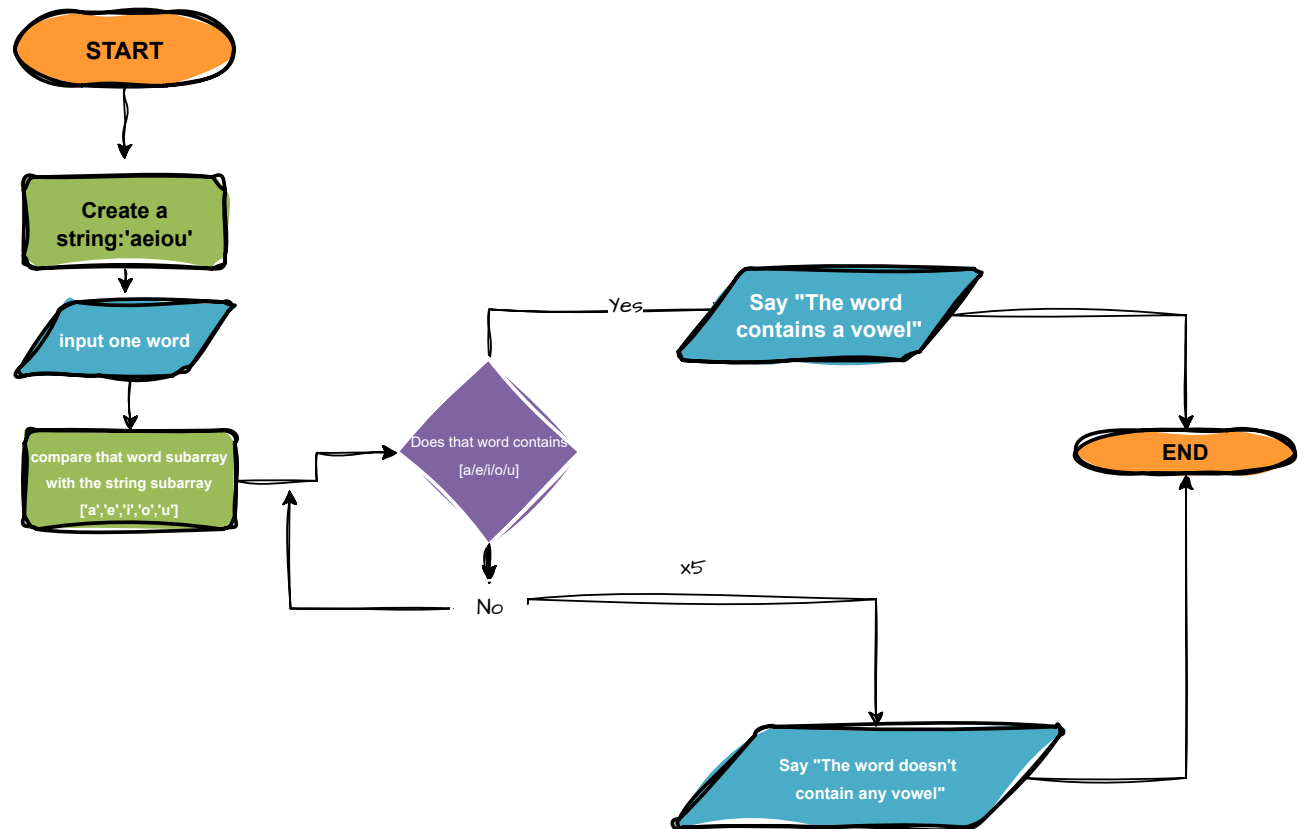
- Choose one number
- Divide that number by 2
- Is the remainder = 0
 - Yes
 - Is even
 - No
 - Is Uneven



2.2.

CHECK IF ONE A WORD CONTAINS A VOWEL 'aeiou'

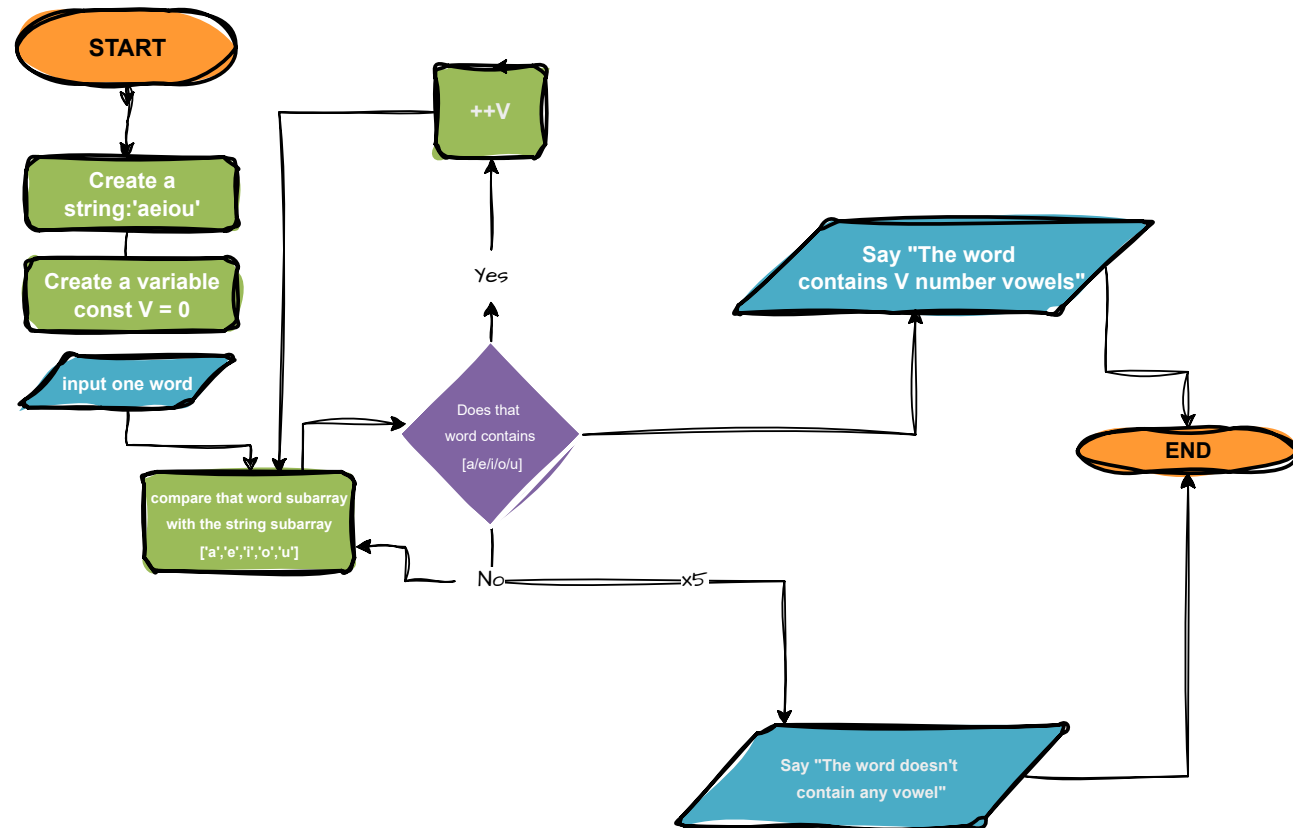
- Create a string: 'aeiou'
- Input one word
- compare that word subarray with the string subarray ['a','e','i','o','u']
- Does that word contain [a/e/i/o/u]
- Yes
 - Say It contains it
- No
 - Check Again
 - If 'No' x5
 - It doesn't contain it.



2.3.

CHECK IF ONE A WORD CONTAINS A VOWEL 'aeiou'

- Create a string: 'aeiou'
- Create a variable V
- Input one word
- compare that word subarray with the string subarray ['a','e','i','o','u']
- Does that word contain [a/e/i/o/u]
- Yes
 - Sum 1 to V for each vowel.
 - Say "The word contains V number vowels"
- No
 - Check Again
 - If 'No' x5
 - It doesn't contain it.



2.4.

CHECK IF A NUMBER CAN BE DIVIDED BY 3 WITHOUT A REMAINDER.
 THEN CHECK IF THE NUMBER CAN BE DIVIDED EVENLY BY 4.
 THEN CHECK IF THE NUMBER CAN BE DIVIDED EVENLY BY BOTH 3 AND 4.

- Choose one number
- Divide that number by 3
- Is the remainder === 0
 - **Yes**
 - That number is divisible by 3 without a remainder
 - Now divide it by 4
 - Is the remainder === 0
 - **Yes**
 - **Say the number is a factor of 3 and 4.**
 - **No**
 - The number is a factor of 3
 - **No**
 - The number is not a factor of 3
 - Divide it by 4
 - Is the remainder === 0
 - **Yes**
 - The number is a factor of 4
 - **No**
 - The number is not divisible by 3 and 4 without a remainder.

