1.3 URLify - Write a method to replace all spaces with %20. You may assume there is enough space to hold additional chars. and You are given the true length of the string.

Parameters → (String: SpaceCheck, int: length) → Error checking
Return → String: replacedChars

Simplest Problem
IN - "Test" 4
OUT - "Test"
V2
IN - "Test Test", 11
OUT - "Test %20 Test"
V3
IN - "T st T st", 15
OUT - "T.%20st%20 T%20st"
Edge Cases
IN - " "
OUT - " %20... "

IN - Null
OUT - Exception/ValueError

Toolbox | Solutions | Complexity
- Sort | - Write loop to copy to new array | - $O(n)$ - Time $O(n)$ - Space
- New array size length | |
- Insert python array | - Insert in Python array. It will copy for you | - $O(n^2)$ - $O(x_n)$ space -loop chars

Code
```python
def URLify (str, length)
    arr = [ ]
    for i in range(length):
        if str[i] is ' ':
            arr.push('%')
            arr.push('2')
            arr.push('0')
        else:
            arr.push(str[i])
```