

Sqrt(x):

Runtime: 0 ms (100.00%) | Memory: 17.74 MB (50.97%)

```
class Solution:
    def mySqrt(self, x: int) -> int:
        if x < 2:
            return x
        l = 0
        r = x
        while l <= r:
            middle = (l+r) // 2
            if middle*middle <= x:
                l = middle + 1
            else:
                r = middle - 1
        return r
```

Accepted | Runtime: 0 ms | Test Result: Accepted | Case 1 | Case 2

Anagrams:

Runtime: 11 ms (83.08%) | Memory: 20.75 MB (61.19%)

```
class Solution:
    def groupAnagrams(self, strs: List[str]) -> List[List[str]]:
        anagrams = {}
        for word in strs:
            key = ''.join(sorted(word)) # compare strings by cases
            if key not in anagrams:
                anagrams[key] = []
            anagrams[key].append(word)
        return list(anagrams.values())
```

Runtime: 0 ms | Test Result: Accepted | Case 1 | Case 2

```
class Solution:
    def groupAnagrams(self, strs: List[str]) -> List[List[str]]:
        anagrams = {}
        for word in strs:
            key = ''.join(sorted(word)) # compare strings by cases
            if key not in anagrams:
                anagrams[key] = []
            anagrams[key].append(word)
        return list(anagrams.values())
```

49. Group Anagrams | Solved | Medium | Discuss | Contributors

Given an array of strings `strs`, group the `anagrams` together. You can return the answer in any order.

Example 1:

```
Input: strs = ["eat","tea","tan","ate","nat","bat"]
Output: [["eat"],["tea"],["tan"],["ate"],["nat"],["bat"]]
```

Explanation:

- There is no string in `strs` that can be rearranged to form "bat".
- The strings "heat" and "team" are anagrams as they can be rearranged to form each other.
- The strings "data", "data", and "data" are anagrams as they can be rearranged to form each other.

Example 2:

a minute ago	✓ 49. Group Anagrams Med.	Accepted
Nov 24	✓ 1. Two Sum Easy	Accepted
Nov 24	✓ 389. Find the Difference Easy	Accepted
Nov 24	✓ 455. Assign Cookies Easy	Accepted
Nov 2	✓ 69. Sqrt(x) Easy	Accepted
Oct 29	✓ 125. Valid Palindrome Easy	Accepted
Oct 29	✓ 392. Is Subsequence Easy	Accepted