Longest Common Prefix

```python
class Solution:
    def longestCommonPrefix(self, strs: List[str]) -> str:
        if strs == []:
            return []


        prefix = strs[0]
        for item in strs[1:]:
            while prefix and item[:len(prefix)] != prefix:
                prefix = prefix[:-1]

        return prefix
```

constantly checks prefix and if it matches item (up until the current length of the prefix)

if not, prefix is updated to contain 1 less letter until it does match