

J는 보석이며, S는 갖고 있는 돌이다. S에는 보석이 몇 개나 있을까? 대소문자는 구분한다.

Input: jewels = "aA", stones = "aAAbbbb"

Output: 3

1.셋

class Solution:

```
def numJewelsInStones(self, jewels: str, stones: str) -> int:
    result = 0
    j = set()
    for c in jewels:
        j.add(c)
    for s in stones:
        if s in j:
            result += 1
    return result
```

2.딕셔너리

class Solution:

```
def numJewelsInStones(self, jewels: str, stones: str) -> int:
    result = 0
    freqs = collections.defaultdict(int)
    for s in stones:
        freqs[s] += 1
    for j in jewels:
        if j in freqs:
            result += freqs[j]
    return result
```

3.collections.Counter

class Solution:

```
def numJewelsInStones(self, jewels: str, stones: str) -> int:
    freqs = collections.Counter(stones)
    result = 0
    for j in jewels:
        result += freqs[j]
    return result
```

4.파이썬 다운

class Solution:

```
def numJewelsInStones(self, jewels: str, stones: str) -> int:
    return sum([s in jewels for s in stones])
```