[Jewels and Stones](https://leetcode.com/problems/jewels-and-stones/)

**public** **class** JewelsStone {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

System.***out***.println(*numJewelsInStones*("z", "ZZZZ"));

}

**public** **static** **int** numJewelsInStones(String J, String S) {

**int** count = 0; //to keep track value of jewels in stones

**int**[] jewels = **new** **int**[128]; //to keep track of counts of each stone

**for**(**char** c : S.toCharArray())

jewels[c]++;

**for**(**char** c : J.toCharArray())

count += jewels[c]; //to get count of jewels from stones

**return** count;

}

}

Time Complexity: O(n), where n is max of size of J or S array.

Space Complexity: O(1) , constant space as jewels array is of size 128.