class Solution {

public int numJewelsInStones(String J, String S) {

HashMap<Character, Integer> map = new HashMap<>();

int res = 0;

if(J.length() ==0 || S.length() == 0)

return 0;

for(char c: S.toCharArray())

map.put(c, map.getOrDefault(c, 0) + 1);

for(char c: J.toCharArray())

res += map.getOrDefault(c, 0);

return res;

}

}