# Find the difference (Level = Easy)

Given two strings s1 & s2 such that s2 is generated by randomly shuffling characters from s1 and then adding one more character at a random position. Find the character that was added in s2 which is not present in s1.

Note

* Strings only have lower case characters

Examples

|  |  |  |
| --- | --- | --- |
| **No.** | **Input** | **Output** |
| 1 | S1=”abcdef”  S2=”fedcba**z**” | ‘z’ |
| 2 | S1=”aabbddee”  S2=”abde**q**abde” | ‘q’ |