Author

[yerzhan](https://codefights.com/profile/yerzhan)

https://codefights.com/img/coins_new.png1000

Vasya is very upset that many people on the Net mix uppercase and lowercase letters in one word. That's why he decided to invent an extension for his favorite browser that would change the letters' register in every word so that it would consist either of lowercase letters or of uppercase ones.

At that as little as possible letters should be changed in the word. For example, the word"HoUse" should be replaced with "house", and the word "ViP" with "VIP". If a word contains an equal number of uppercase and lowercase letters, you should replace all the letters with lowercase ones. For example, "maTRIx" should be replaced by "matrix".

Your task is to implement this function and apply it to the given word.

**Example**

* changeCase("HoUse") = "house";
* changeCase("ViP") = "maTRIx";
* changeCase("ViP") = "matrix".
* **[input] string word**

A word that consists of lowercase and uppercase letters.  
1 ≤ word.length ≤ 100.

* **[output] string**

The given word in which all the letters are either uppercase or lowercase.

<https://codefights.com/challenge/qLkhYjpqbZbypFzC4>

string changeCase(string word)

{

int lower = 0, upper = 0;

for (int i = 0; i < word.Length; i++)

{

if (char.IsLower(word[i]))

{

lower++;

}

else if (char.IsUpper(word[i]))

{

upper++;

}

}

if (lower >= upper)

{

return word.ToLower();

}

return word.ToUpper();

}