

public class HiddenWord {

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private String secret;

public HiddenWord(String secret) {

this.secret = secret;

}

private boolean charIsInSecret(char c) {

for (int i=0; i < secret.length(); i++) {

if (secret.charAt(i) == c) {

return true;

}

}

return false;

}

public String getHint(String guess) {

String result = ""; // empty string

for (int i=0; i < secret.length(); i++) {

if (secret.charAt(i) == guess.charAt(i)) {

result += "" + secret.charAt(i); // empty string plus a char

} else if (charIsInSecret(guess.charAt(i))) {

result += "+";

} else

result += "-";

}

}

return result;

}