Count the number of times the string subappears within the string sup.

**Example:**

* countSub("abcdefga", "a") = 2
* countSub("aaa", "aa") = 2
* **[input] string sup**
  + The string to count appearances in, 1 ≤ |super| ≤ 30.
* **[input] string sub**
  + The substring to look for, 1 ≤ |sub| ≤ |sup|.
* **[output] integer**
  + The number of occurrences.

<https://codefights.com/challenge/THLmxNuG5DswJ2XQW>

static int countSub(string sup, string sub)

{

int cont = 0;

for (int i = 0; i + sub.Length - 1 < sup.Length; i++)

{

if (sup.Substring(i, sub.Length) == sub)

{

cont++;

}

}

return cont;

}