* ///String[] uppercase = {“A”,”B”,”C”,...”Z”};
* Read in all 52 characters.. From circlecross.in into a string s
* Initialize an array firstoccurance[26]→ firstoccurance[x] describes the 1st occurrence of the x-th letter
* Initialize an array secondoccurance[26]→ secondoccurance[x] describes the 1st occurrence of the x-th letter
* Idx = 0
* For x: String {
  + Char c = x
  + letteridx = (int)(x-’A’)
  + Check if firstoccurance[letteridx] if populated
    - If not populated, firstoccurance[letteridx] = idx
  + Else
    - secondoccurance[letteridx] = idx
  + Idx++
* }
* For int i = 0; i < 26; i++ {
* For int j = 0 to 25 {
* If (i >= j) continue;
* firstI = firstoccurance[i];
* secondI = secondoccurance[i]
* firstJ = firstoccurance[j]
* secondJ = secondoccurance[j];
* if((firstI < firstJ && firstJ < secondI && secondI < secondJ) || (firstJ < firstI && firstI < secondJ && secondJ < secondI)) {
* crossingPairs++;
* }

pw.println(crossingPairs);

-Crossing pairs:

IJIJ abab  
JIJI baba

-Not crossing pairs:

IJJI

JIIJ

JJII

IIJJ