2. Write the method named howMany that has two String parameters named stringa and stringb. This method returns an integer indicating how many times stringa appears in stringb, where each occurrence of stringa must not overlap with another occurrence of it. For example, the call howMany(“GAA”, “ATGAACGAATTGAATC”) returns 3 as GAA occurs 3 times. The call howMany(“AA”, “ATAAAA”) returns 2. Note that the AA’s found cannot overlap.

3.Write the void method testHowMany has no parameters. Add code in here to call howMany with several examples and print the results. Think carefully about what types of examples would be good to test to make sure your method works correctly.

public int howMany( String stringa, String stringb)

{

Int startP = 0, count=0;

While(startP!=-1)

{

startP = stringb.indexOf(stringa, startP) + stringa.length();

count = count +1;

}

Return count;

}

Public void howMany()

{

String stringb= ”ATGAACGAATTGAATC”, stringa= “GAA”;

System.out.println(“The number of times stringa in stringb is: “ + howMany(stringa, stringb));

}

Method named howMany.

The method should have two parameters stringa and stringb.

The method returns an integer indicating the number of times stringa appears in stringb.

tesHowMany

to test the above vode.

(“GAA”, “ATGAACGAATTGAATC”)

First search for GAA

How would I search I will use indexof to search.

Abcdkfjsksioehgjfhsdjfhksdfhuwabcabcajfieowj