```java
/*
*
* Retrieved From:
* GeeksForGeeks.com
*
*/

public class NaiveSearch {

    static int numComp;

    public static void search(String txt, String pat)
    {
        numComp = 0;
        int M = pat.length();
        int N = txt.length();
        //time implementation
        //for each second, print out the second the loop is currently on
        //in addition, find the number of comparisons that were made in that second


        for (int i = 0; i <= N - M; i++) {
            //For current index i, check for pattern match
            for (int j = 0; j < M; j++) {
                numComp++;
                //If a match is not found, break the code
                if (txt.charAt(i + j) != pat.charAt(j)) {
                    break;
                }
                //If a pattern is found, print out the index it was found at
                if (M==(j+1))
                    System.out.println("Pattern found at index " + i);
            }
        }
    }

    public static void main(String[] args)
    {
        //Define text and pattern
        String txt = "AABAACAADAABAAABAA";
        String pat = "AA";

        //Run search algorithm
        search(txt, pat);

        System.out.println("Number of comparisons:" + numComp);

    }

}

```