

```
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.FileReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.io.StreamTokenizer;

/*
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 */

public class token {
    public void contarPalabrasyNumeros(String nombre_fichero) {

        StreamTokenizer sTokenizer = null;
        int contapal = 0, numNumeros = 0;

        try {

            sTokenizer = new StreamTokenizer(new FileReader(nombre_fichero));

            while (sTokenizer.nextToken() != StreamTokenizer.TT_EOF) {

                if (sTokenizer.ttype == StreamTokenizer.TT_WORD)
                    contapal++;
                else if (sTokenizer.ttype == StreamTokenizer.TT_NUMBER)
                    numNumeros++;
            }

            System.out.println("Número de palabras en el fichero: " + contapal);
            System.out.println("Número de números en el fichero: " + numNumeros);

        } catch (FileNotFoundException ex) {
            System.out.println(ex.getMessage());
        } catch (IOException ex) {
            System.out.println(ex.getMessage());
        }
    }

    public static void main(String[] args) {
        FileInputStream fichero;
        try {
            // Elegimos fichero para leer flujos de bytes "crudos"
            fichero = new FileInputStream("C:\\Users\\cic\\Documents\\NetBeansProjects\\datos.txt");
            // InputStreamReader sirve de puente de flujos de byte a caracteres
            InputStreamReader unReader = new InputStreamReader(fichero);
            // Vemos la codificación actual
            System.out.println("codificacion:"+unReader.getEncoding());
        } catch (FileNotFoundException ex) {
            System.out.println(ex.getMessage());
        }
        token token=new token();
        token.contarPalabrasyNumeros("C:\\Users\\cic\\Documents\\NetBeansProjects\\datos.txt");
    }
}
```