

## Correction TD9 – Groupe 2

Mémo :

Etape 0: import  
import java.io.\*;

Etape 1: initialisation:

BufferedReader r = new BufferedReader ( new FileReader (            ) );  
BufferedWriter w = new BufferedWriter ( new FileWriter (            ) );  
nom fichier et son extension

Etape 2: ajouter IOException:

void maFonction ( ) throws IOException {

Etape 3: Utilisation

String ligne = r.readLine();

while ( ligne != null ) {

    --  
    --  
    --

    ligne = r.readLine();

}

String b = "Hello World";

w.write ( b );

w.newLine();

Etape 4: clôturer

r.close();

w.close();

Exercice 1 :

```
import java.io.*;

static void fiche (String nomFichier, int n) throws IOException {
    BufferedReader r = new BufferedReader (new FileReader (nomFichier));
    String ligne = r.readLine(), nb1, nb2;
    int n1, n2;
    while (ligne != null) {
        nb1 = ligne.substring (0, ligne.indexOf(' ')); //extraire nb1
        n1 = Integer.parseInt (nb1); //convertir en entier
        nb2 = ligne.substring (ligne.indexOf(' ') + 1); //extraire nb2
        n2 = Integer.parseInt (nb2); //convertir en entier
        if (Math.abs (n1 - n2) == n) {
            Sop (ligne);
        }
        ligne = r.readLine();
    }
    r.close();
}
```

Exercice 2 :

```
import java.io.*;

public static void main (String[] args) throws IOException {
    BufferedWriter w = new BufferedWriter (new FileWriter ("odam.txt"));
    int unite, dizaine, centaine;
    for (int i = 100; i <= 999; i++) {
        unite = i % 100;
        dizaine = (i / 10) % 10;
        centaine = (i / 100) % 10;
        if (unite != dizaine && dizaine != centaine && unite != centaine) {
            w.write (" " + i + " ");
        }
    }
    w.close();
}
```