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```
// exemples4.txt

//-----
Fonctions.

//-----
class Ex1 {

    static int incremente(int n) {
        return n + 1;
    }

    public static void main(String[] args) {
        System.out.println("2+1="+incremente(2));
    }
}

//-----
class Ex2 {

    static void afficheSomme(int n, int m) {
        System.out.println(n + m);
    }

    public static void main(String[] args) {
        afficheSomme(2, 1);
    }
}

//-----
class Ex3 {

    static void affiche(int[] t) {
        for (int i=0; i<t.length; i++)
            System.out.print(t[i]+" ");
        System.out.println();
    }

    public static void main(String[] args) {
        int[] t = {7, 3, -1, 0, 9};
        affiche(t);
    }
}

//-----
class Ex4 {

    static void affiche(int[] t) {
        for (int i=0; i<t.length; i++)
            System.out.print(t[i]+" ");
        System.out.println();
    }

    static void ex4() {
        int[] t = {7, 3, -1, 0, 9};
        affiche(t);
    }

    public static void main(String[] args) {
        ex4();
    }
}
```

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```
//-----
class Ex5 {

    static void f(int n) {
        //      System.out.println(n + x);
    }

    public static void main(String[] args) {
        int x = 7;
        f(2);
    }
}

/*
Exemples6.java:65: cannot find symbol
symbol   : variable x
location: class Ex5
        System.out.println(n + x);
*/

//-----
class Ex6 {

    static void f(int n) {
        n = n + 1;
    }

    public static void main(String[] args) {
        int n = 10;
        f(n);
        System.out.println(n);
    }
}

//-----
class Ex7 {

    static void f(int[] t) {
        t[0] = t[0] + 1;
    }

    public static void main(String[] args) {
        int[] t = new int[7];
        t[0] = 10;
        f(t);
        System.out.println(t[0]);
    }
}

//-----
class Ex8 {

    static void affiche(int[] t) {
        for (int i=0; i<t.length; i++)
            System.out.print(t[i]+" ");
        System.out.println();
    }

    static int[] creer(int n) {
        int[] t = new int[n];
        for (int i=0; i<t.length; i++)
```

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```

        t[i] = i;
        return t;
    }

    public static void main(String[] args) {
        int[] u;
        u = creer(7);
        affiche(u);
    }
}

```

```

//-----
class Ex9 {

```

```

    static void affiche(int[] t) {
        for (int i=0; i<t.length; i++)
            System.out.print(t[i]+" ");
        System.out.println();
    }

```

```

    static int[] saisie(String[] u) {
        int[] t = new int[u.length];
        for (int i=0; i<t.length; i++)
            t[i] = Integer.parseInt(u[i]);
        return t;
    }

```

```

    static int[] copie(int[] t) {
        int[] u = new int[t.length];
        for (int i=0; i<t.length; i++)
            u[i] = t[i];
        return u;
    }

```

```

    public static void main(String[] args) {
        int[] v = saisie(args);
        affiche(v);
        int[] w = copie(v);
        v[0] = -9;
        affiche(v);
        affiche(w);
    }
}

```

```

//-----
Champs de classe.
//-----

```

```

class Ex1 {

```

```

    static int p;
    static int q = 7;

```

```

    static void f() {
        q++;
    }

```

```

    static void g() {
        System.out.println(p+" "+q);
    }

```

```

    public static void main(String[] args) {
        p = 3;
    }
}

```

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```

        f();
        g();
    }
}

```

```

//-----

```