

TD N°5 LANGUAGE C

Exercise 1 :

```
class Exo6_7_1{
    public static void main(String[] args){
        int[] table;
        table = new int[6];
        for (int i = 0; i<table.length; i++){
            Terminal.ecrireString("Entrez_l'entier_" + (i+1) + ":_");
            table[i] = Terminal.lireInt();
        }
        Terminal.ecrireStringln("Voici_le_tableau:_");
        for (int i = 0; i<table.length; i++){
            Terminal.ecrireString("_" + table[i]);
        }
        Terminal.sautDeLigne();
    }
}
```

Exercise 2 :

```
class Exo6_7_2{
    public static void main(String[] args){
        int[] table;
        int plusGrand;
        table = new int[6];
        for (int i = 0; i<table.length; i++){
            Terminal.ecrireString("Entrez_l'entier_" + (i+1) + ":_");
            table[i] = Terminal.lireInt();
        }
        plusGrand = table[0];
        for (int i = 1; i<table.length; i++){
            if (table[i] > plusGrand){
                plusGrand = table[i];
            }
        }
        Terminal.ecrireStringln("Plus_grand:_ " + plusGrand);
    }
}
```

Exercise 3 :

```
class Exo6_7_3{
    public static void main(String[] args){
        char[] table;
        char plusGrand;
        table = new char[6];
        for (int i = 0; i<table.length; i++){
            Terminal.ecrireString("Entrez le caractere " + (i+1) + " :");
            table[i] = Terminal.lireChar();
        }
        plusGrand = table[0];
        for (int i = 1; i<table.length; i++){
            if (table[i] > plusGrand){
                plusGrand = table[i];
            }
        }
        Terminal.ecrireStringln("Plus grand: " + plusGrand);
    }
}
```

Exercise 4 :

```
class Exo6_7_4{
    public static void main(String[] args){
        int[] table;
        double moyenne = 0.0;
        table = new int[6];
        for (int i = 0; i<table.length; i++){
            Terminal.ecrireString("Entrez l'entier " + (i+1) + " :");
            table[i] = Terminal.lireInt();
        }
        for (int i = 0; i<table.length; i++){
            moyenne = moyenne + table[i];
        }
        moyenne = moyenne / table.length;
        Terminal.ecrireStringln("Moyenne: " + moyenne);
    }
}
```
