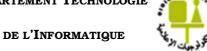
ISET SFAX AU 2022/2023 S1

DEPARTEMENT TECHNOLOGIE



TP01 Correction

Matière: Atelier Programmation Objet

Classes: SEM2

package ex2;

```
import java.util.Scanner;
public class Conversion {
    public static void main(String[] args) {
        System.out.println("Conversion");
        Scanner s; // permet la lecture d'un fichier ou du clavier
        s = new Scanner(System.in); // la lecture se fait à partir du clavier
        System.out.print("°C:");
        float c = s.nextFloat();
        float f = 9 * c / 5 + 32;
        System.out.println("=" + f + "°F");
        s.close();
    }
}
```

package ex3;

```
import java.util.Scanner;
public class DoubleConversion {
     public static void main(String[] args) {
           System.out.println("Double Conversion");
           if (args.length > 0) {
                Scanner s;
                s = new Scanner(System.in);
                if (args[0].equalsIgnoreCase("c")) {
                      System.out.print("°C:");
                      float c = s.nextFloat();
                      float f = 9 * c / 5 + 32;
                      System.out.println("=" + f + "°F");
                } else if (args[0].equalsIgnoreCase("f")) {
                      System.out.print("°F:");
                      float f = s.nextFloat();
                      float c = (f - 32) * 5 / 9;
                      System.out.println("=" + c + "°C");
                } else {
                      System.out.println("Usage:");
                      System.out.println("\tConversion c ( °C -> °F )");
                      System.out.println("\tConversion f ( °F -> °C )");
                s.close();
           } else {
                System.out.println("Usage:");
                System.out.println("\tConversion c ( °C -> °F )");
                System.out.println("\tConversion f ( °F -> °C )");
           }
     }
//Pour passer des argument avec la commande java dans DOS :
              java conversion c
//Pour passer des argument avec la commande java dans eclise :
              Run -> Run configurations -> arguments
```