**Algorithm 1**

Temperature conversion

Create a program that can convert between Fahrenheit and Celsius (both ways)

* Can convert from Fo to CO and Co to Fo
* Only accepts numerical values / non numerical values do not crash the program
* Neat user interface, easy to use
* Good use of code commenting and intrinsic variables

Requirements:

1. Pseudocode or flowchart of the algorithm
2. Desk check
3. Working program written in a language of your choice. Must be able to compile/translate on school workstations.

**C** to **F**: **Celsius to Fahrenheit** Conversion **Formula**. To convert temperatures in degrees **Celsius to Fahrenheit**, multiply by 1.8 (or 9/5) and add 32.

Chose F for Fahrenheit or C for Celsius

Menu options:

C

F

F to C formula = First subtract 32, then multiply by 5,

then divide by 9 (degree - 32) \* 5 / 9)

C to F formula = First Multiple by 9, then divide by 5, then

add 32. (9 \* degree) / 5 + 32)