

```
REQUIRE transpiler
NOINSTALL
```

```
FUNCTION fahrenheit_to_celsius <- FLOAT fahrenheit -> FLOAT AS
    NOIMPORT
    RETURN (fahrenheit - 32) * 5 / 9
END FUNCTION
```

```
FUNCTION celsius_to_fahrenheit <- FLOAT celsius -> FLOAT AS
    RETURN (celsius * 9 / 5) + 32
END FUNCTION
```

```
FUNCTION tempConvert <- FLOAT temperature, STRING CorF -> FLOAT AS
    IF CorF = 'C' DO
        RETURN CALL celsius_to_fahrenheit WITH temperature
    ELSE DO
        RETURN CALL fahrenheit_to_celsius WITH temperature
    END IF
END FUNCTION
```

```
PROCEDURE DoSomething <- string a AS
    OUTPUT $a is a string
END PROCEDURE
```

```
FUNCTION main -> int AS
    INPUT FLOAT temp
    INPUT STRING c_or_f_in
    IF c_or_f_in = 'C' DO
        SET c_or_f TO C
    ELSE IF c_or_f_in = 'F' DO
        SET c_or_f TO F
    ELSE DO
        OUTPUT $c_or_f_in is not 'C' or 'F'
        QUIT 1
    END IF
    SET temp TO CALL tempConvert WITH temp, c_or_f
    OUTPUT $temp ° $c_or_f
    CALL DoSomething WITH "Hello World" SET b TO 10 OUTPUT $b is two
    if I did this right!
    RETURN 0
END FUNCTION
```

```
CALL main
```