# Assignment 2: Converting Temperature

## 1. Program Description

- This program will allow the user to input a temperature in celsius and have it converted to fahrenheit.
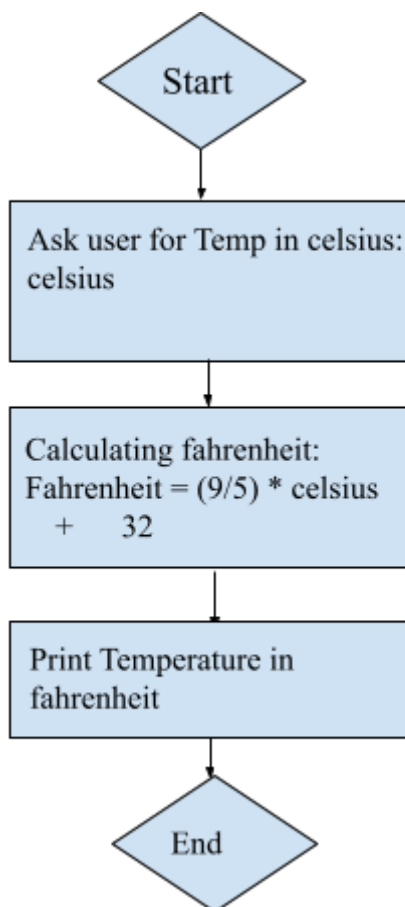
## 2. Input/Output

- Input: User inputs a temperature in celsius
- Output: The input temperature is then displayed in fahrenheit for the user

## 3. Variables

- celsius: User inputs a temperature in celsius
- fahrenheit: Displays the temperature in fahrenheit after being calculated through the program

## 4. Flow Chart

```
        ⬦ Start ⬦
            │
            ▼
┌───────────────────────────┐
│ Ask user for Temp in celsius: │
│ celsius                   │
│                           │
└───────────────────────────┘
            │
            ▼
┌───────────────────────────┐
│ Calculating fahrenheit:   │
│ Fahrenheit = (9/5) * celsius │
│    +    32                │
└───────────────────────────┘
            │
            ▼
┌───────────────────────────┐
│ Print Temperature in      │
│ fahrenheit                │
└───────────────────────────┘
            │
            ▼
        ⬦ End ⬦
```

# 5. Errors/Lessons

- Throughout typing this program out, I never encountered any errors. I typed this program up on the first try and it passed.