Mini-Project #2 - Temperature, Speed, and Distance

Function - convert Celsius to Fahrenheit

```python
def temp_convert(celsius):
    """Convert temperature. Celsius to Fahrenheit."""
    fahrenheit = (9/5) \* celsius + 32
    return fahrenheit
```

Run code

```python
if **name** == "**main**":
    # Task 1: Convert tempatures
    celsius_temp = float(input("Enter the temperature in Celsius:"))
    fahrenheit_temp = temp_convert(celsius_temp)
    print(f"The temperature {celsius_temp}°C converted to Fahrenheit is {fahrenheit_temp}°F.

    # Task 2: Calculate time light takes to travel from Sun to Earth
    speed_of_light = 186000   # miles/second
    distance_sun_to_earth = 93000000   # miles

    time  = distance_sun_to_earth / speed_of_light # seconds
    print(f"Light takes approximately {time:.2f} seconds to travel from the Sun to Earth.")
```

References:

- Google: Google.com
- OpenAI: ChatGPT
- Course material
- Lecture & Lab notes