

## Topic 1.5: Exercises

### Temperature Converter

Write a program that converts a temperature from Celsius to Fahrenheit. The formula is:

$$F = \frac{9}{5}C + 32$$

Requirements:

- Prompt the user for a temperature in Celsius (as a float)
- Convert it to Fahrenheit
- Print the result formatted as: "<Celsius> °C is <Fahrenheit> °F"

Example Output:

```
Enter temperature in Celsius: 23.5
23.5°C is 74.3°F
```

**Topic 1.5: Exercise 1:**

Write a Python program in a file named `pizza.py` that first prompts the user to input their name, then outputs a greeting, then prompts the user to input how many slices of pizza they can eat, and finally produces output telling the user that they can eat one more piece of pizza than the number the user entered.

Here is an example of running the program:

```
% python3 pizza.py
1 Please enter your name: Chris
2 Nice to meet you, Chris.
3 Please tell me how many slices of pizza you can eat: 8
4 That's not bad, but I can eat 9 slices!
```

Note that there is a period (.) immediately after the name is output, with no space between the name and the period. Do your best to reproduce this output exactly.