Temperature convertor.py

1# Temperature Converter Program

# Converts between Celsius, Fahrenheit, and Kelvin

Def celsius\_to\_fahrenheit©:

Return (c \* 9/5) + 32

Def celsius\_to\_kelvin©:

Return c + 273.15

Def fahrenheit\_to\_celsius(f):

Return (f – 32) \* 5/9

Def fahrenheit\_to\_kelvin(f):

Return (f + 459.67) \* 5/9

Def kelvin\_to\_celsius(k):

Return k – 273.15

Def kelvin\_to\_fahrenheit(k):

Return (k \* 9/5) – 459.67

Def main():

Print(“Temperature Converter”)

Print(“1. Celsius to Fahrenheit & Kelvin”)

Print(“2. Fahrenheit to Celsius & Kelvin”)

Print(“3. Kelvin to Celsius & Fahrenheit”)

Choice = int(input(“Enter your choice: “))

If choice == 1:

C = float(input(“Enter temperature in Celsius: “))

Print(“Fahrenheit:”, celsius\_to\_fahrenheit©)

Print(“Kelvin:”, celsius\_to\_kelvin©)

Elif choice == 2:

F = float(input(“Enter temperature in Fahrenheit: “))

Print(“Celsius:”, fahrenheit\_to\_celsius(f))

Print(“Kelvin:”, fahrenheit\_to\_kelvin(f))

Elif choice == 3:

K = float(input(“Enter temperature in Kelvin: “))

Print(“Celsius:”, kelvin\_to\_celsius(k))

Print(“Fahrenheit:”, kelvin\_to\_fahrenheit(k))

Else:

Print(“Invalid choice!”)

If \_\_name\_\_ == “\_\_main\_\_”:

Main()