Experiment 8: Write a program to convert temperature to and from Celsius to Fahrenheit.

CODE:

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def clesius_to_fahrenheit(clesius):
    #Convert temperature from Clesius to Fahrenheit.
    return (clesius *9/5) + 32

def fahrenheit_to_celsius(fahrenheit):
    #Convert temperature from Fahrenheit to Clesius.
    return (fahrenheit - 32) *5/9

#Main function to take user input and perform conversions
def main():
    print("Temperature Conversion Program")
    print("1. Clesius to Fahrenheit")
    print("2. Fahrenheit to Clesius")
    choice = int(input("Enter choice: "))
    if choice== 1:
        clesius = float(input("Enter temperature in Clesius : "))
        fahrenheit = clesius_to_fahrenheit(clesius)
        print(f"{clesius} Clesius is equal to {fahrenheit}
Fahrenheit")
    elif choice == 2:
        fahrenheit = float(input("Enter temperature in Fahrenheit :
"))
        clesius = fahrenheit_to_celsius(fahrenheit)
        print(f"{fahrenheit} Fahrenheit is equal to {clesius}
Clesius")
```

```
    else:
        print("Invalid choice. Please enter 1 or 2.")

if __name__ == "__main__":
    main()
```

OUTPUT: