```
def length_converter():
    print("Select unit to convert from:")
    print("1. Meters")
    print("2. Kilometers")
    print("3. Miles")
    choice = int(input("Enter your choice (1/2/3): "))

    if choice == 1:
        value = float(input("Enter the length in meters: "))
        print(f"{value} meters is equal to {value * 3.28084} feet")
    elif choice == 2:
        value = float(input("Enter the length in kilometers: "))
        print(f"{value} kilometers is equal to {value * 0.621371} miles")
    elif choice == 3:
        value = float(input("Enter the length in miles: "))
        print(f"{value} miles is equal to {value * 1.60934} kilometers")
    else:
        print("Invalid choice")

def weight_converter():
    print("Select unit to convert from:")
    print("1. Kilograms")
    print("2. Pounds")
    print("3. Ounces")
    choice = int(input("Enter your choice (1/2/3): "))

    if choice == 1:
        value = float(input("Enter the weight in kilograms: "))
        print(f"{value} kilograms is equal to {value * 2.20462} pounds")
    elif choice == 2:
        value = float(input("Enter the weight in pounds: "))
        print(f"{value} pounds is equal to {value * 0.453592} kilograms")
    elif choice == 3:
        value = float(input("Enter the weight in ounces: "))
        print(f"{value} ounces is equal to {value * 0.0283495} kilograms")
    else:
        print("Invalid choice")

def volume_converter():
    print("Select unit to convert from:")
    print("1. Liters")
    print("2. Gallons")
    print("3. Cubic Meters")
    choice = int(input("Enter your choice (1/2/3): "))

    if choice == 1:
        value = float(input("Enter the volume in liters: "))
        print(f"{value} liters is equal to {value * 0.264172} gallons")
    elif choice == 2:
        value = float(input("Enter the volume in gallons: "))
        print(f"{value} gallons is equal to {value * 3.78541} liters")
    elif choice == 3:
        value = float(input("Enter the volume in cubic meters: "))
        print(f"{value} cubic meters is equal to {value * 1000} liters")
    else:
        print("Invalid choice")

if __name__ == "__main__":
    print("Select type of conversion:")
    print("1. Length Converter")
    print("2. Weight Converter")
    print("3. Volume Converter")
    conversion_type = int(input("Enter your choice (1/2/3): "))

    if conversion_type == 1:
        length_converter()
    elif conversion_type == 2:
        weight_converter()
    elif conversion_type == 3:
        volume_converter()
    else:
        print("Invalid choice")
```

```
 Select type of conversion:
 1. Length Converter
 2. Weight Converter
```

```
3. Volume Converter
Enter your choice (1/2/3): 2
Select unit to convert from:
1. Kilograms
2. Pounds
3. Ounces
Enter your choice (1/2/3): 1
Enter the weight in kilograms: 100
100.0 kilograms is equal to 220.462 pounds
```

```
def celsius_to_fahrenheit(celsius):
    return celsius * 9/5 + 32

def fahrenheit_to_celsius(fahrenheit):
    return (fahrenheit - 32) * 5/9

def celsius_to_kelvin(celsius):
    return celsius + 273.15

def kelvin_to_celsius(kelvin):
    return kelvin - 273.15

def fahrenheit_to_kelvin(fahrenheit):
    return (fahrenheit - 32) * 5/9 + 273.15

def kelvin_to_fahrenheit(kelvin):
    return (kelvin - 273.15) * 9/5 + 32

if __name__ == "__main__":
    print("Select type of conversion:")
    print("1. Celsius to Fahrenheit")
    print("2. Fahrenheit to Celsius")
    print("3. Celsius to Kelvin")
    print("4. Kelvin to Celsius")
    print("5. Fahrenheit to Kelvin")
    print("6. Kelvin to Fahrenheit")
    choice = int(input("Enter your choice (1/2/3/4/5/6): "))

    if choice == 1:
        celsius = float(input("Enter temperature in Celsius: "))
        result = celsius_to_fahrenheit(celsius)
        print(f"{celsius}°C is equal to {result}°F")
    elif choice == 2:
        fahrenheit = float(input("Enter temperature in Fahrenheit: "))
        result = fahrenheit_to_celsius(fahrenheit)
        print(f"{fahrenheit}°F is equal to {result}°C")
    elif choice == 3:
        celsius = float(input("Enter temperature in Celsius: "))
        result = celsius_to_kelvin(celsius)
        print(f"{celsius}°C is equal to {result}K")
    elif choice == 4:
        kelvin = float(input("Enter temperature in Kelvin: "))
        result = kelvin_to_celsius(kelvin)
        print(f"{kelvin}K is equal to {result}°C")
    elif choice == 5:
        fahrenheit = float(input("Enter temperature in Fahrenheit: "))
        result = fahrenheit_to_kelvin(fahrenheit)
        print(f"{fahrenheit}°F is equal to {result}K")
    elif choice == 6:
        kelvin = float(input("Enter temperature in Kelvin: "))
        result = kelvin_to_fahrenheit(kelvin)
        print(f"{kelvin}K is equal to {result}°F")
    else:
        print("Invalid choice")\
```

```
Select type of conversion:
1. Celsius to Fahrenheit
2. Fahrenheit to Celsius
3. Celsius to Kelvin
4. Kelvin to Celsius
5. Fahrenheit to Kelvin
6. Kelvin to Fahrenheit
Enter your choice (1/2/3/4/5/6): 1
Enter temperature in Celsius: 56
56.0°C is equal to 132.8°F
```