```
import java.util.Scanner;

class Basic_Unit_Converter {
    static Scanner scanner = new Scanner(System.in);

    public static void main(String[] args) {

System.out.println("=====================================================
====");
        System.out.println("                    UNIT CONVERTER              ");

System.out.println("=====================================================
====");
        menu();
    }

    public static void menu() {
        boolean menuChoice = true;
            while (menuChoice) {
                System.out.println("\n1. Kilometers to Miles");
                System.out.println("2. Celsius to Fahrenheit");
                System.out.println("3. Kilograms to Pounds");
                System.out.println("4. Exit");
                System.out.print("Choose a transaction (1-3): ");
                String choice = scanner.nextLine();
                switch (choice) {
                    case "1":
                        kmToMiles();
                        break;
                    case "2":
                        celsiusToFahrenheit();
                         break;
                    case "3":
                        kgToPounds();
                        break;
                    case "4":
                        System.out.println("\nThank you for using my Unit Converter! :D");
                        menuChoice = false;
                        break;
                    default:
                        System.out.println("\nInvalid option. Please choose 1, 2, 3, or 4.");
                }
            }
    }

    public static void kmToMiles() {
        String again;
        do {
```

```
        System.out.print("\nEnter kilometers: ");
        double km = scanner.nextDouble();
        double miles = kmToMiles(km);
        System.out.println(km + " kilometers = " + miles + " miles");

        System.out.print("\nDo you want to convert another? (y/n): ");
        scanner.nextLine();
        again = scanner.nextLine();
    } while (again.equalsIgnoreCase("y"));
}

public static double kmToMiles(double km) {
    return km / 1.609;
}

public static void celsiusToFahrenheit() {
    String again;
    do {
        System.out.print("\nEnter Celsius: ");
        double c = scanner.nextDouble();
        double Fahrenheit = celsiusToFahrenheit(c);
        System.out.println(c + " Celsius = " + Fahrenheit + " Fahrenheit");

        System.out.print("Do you want to convert another? (y/n): ");
        scanner.nextLine();
        again = scanner.nextLine();
    } while (again.equalsIgnoreCase("y"));
}

public static double celsiusToFahrenheit(double c) {
    return c * 1.8 + 32;
}

public static void kgToPounds() {
    String again;
    do {
        System.out.print("\nEnter Kilograms: ");
        double kg = scanner.nextDouble();
        double pounds = kgToPounds(kg);
        System.out.println(kg + " kilograms = " + pounds + " pounds");

        System.out.print("Do you want to convert another? (y/n): ");
        scanner.nextLine();
        again = scanner.nextLine();
    } while (again.equalsIgnoreCase("y"));
}

public static double kgToPounds(double kg) {
```

```
        return kg * 2.205;
    }
}
```

```
============================================================
                        UNIT CONVERTER
============================================================

1. Kilometers to Miles
2. Celsius to Fahrenheit
3. Kilograms to Pounds
4. Exit
Choose a transaction (1-3): 3

Enter Kilograms: 20
20.0 kilograms = 44.1 pounds
Do you want to convert another? (y/n): y

Enter Kilograms: 1
1.0 kilograms = 2.205 pounds
Do you want to convert another? (y/n): n

1. Kilometers to Miles
2. Celsius to Fahrenheit
3. Kilograms to Pounds
4. Exit
Choose a transaction (1-3): 4

Thank you for using my Unit Converter! :D
```

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                        UNIT CONVERTER
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1. Kilometers to Miles
2. Celsius to Fahrenheit
3. Kilograms to Pounds
4. Exit
Choose a transaction (1-3): 1

Enter kilometers: 30
30.0 kilometers = 18.645121193287757 miles

Do you want to convert another? (y/n): N

1. Kilometers to Miles
2. Celsius to Fahrenheit
3. Kilograms to Pounds
4. Exit
Choose a transaction (1-3): 4

Thank you for using my Unit Converter! :D

=== Code Execution Successful ===
```

```
============================================================
                        UNIT CONVERTER
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1. Kilometers to Miles
2. Celsius to Fahrenheit
3. Kilograms to Pounds
4. Exit
Choose a transaction (1-3): 2

Enter Celsius: 50
50.0 Celsius = 122.0 Fahrenheit
Do you want to convert another? (y/n): N

1. Kilometers to Miles
2. Celsius to Fahrenheit
3. Kilograms to Pounds
4. Exit
Choose a transaction (1-3): 4

Thank you for using my Unit Converter! :D

=== Code Execution Successful ===
```

```
============================================================
                      UNIT CONVERTER
============================================================

1. Kilometers to Miles
2. Celsius to Fahrenheit
3. Kilograms to Pounds
4. Exit
Choose a transaction (1-3): 4

Thank you for using my Unit Converter! :D

=== Code Execution Successful ===
```