Reflection Log Metric Conversions

The program is ready to calculate the conversions based on what the user will input.

```
public static void displayMenu() {
    // Program prompts the user for which conversion they wish to choose.
    System.out.println("Metric Conversion Menu:");
    System.out.println("1. inches to centimeters");
    System.out.println("2. centimeters to inches");
    System.out.println("3. feet to centimeters");
    System.out.println("4. centimeters to feet");
    System.out.println("5. yards to meters");
    System.out.println("6. meters to yards");
    System.out.println("7. miles to kilometers");
    System.out.println("8. kilometers to miles");
    System.out.print("Choose an option 1-8: ");
}
public static double convert(int choice, double value) {
    double[] conversions = {2.54, 1 / 2.54, 30.48, 1 / 30.48, 0.9144, 1 / 0.9144, 1.6093, 1 / 1.6093};
    return value * conversions[choice - 1];
}
```

Program will output the options for what you would like to convert based on the input from the user.