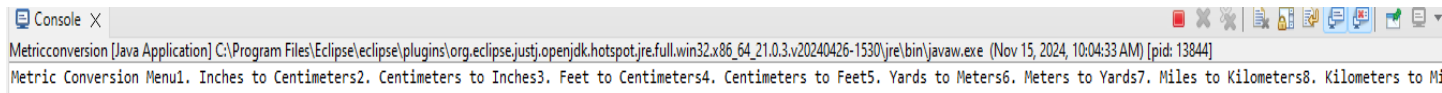


Error log



When the code outputs the menu it goes on too long

```
Metric Conversion Menu
1. Inches to Centimeters
2. Centimeters to Inches
3. Feet to Centimeters
4. Centimeters to Feet
5. Yards to Meters
6. Meters to Yards
7. Miles to Kilometers
8. Kilometers to Miles
Enter your choice:
```

Now the menu is in a neat column

```
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.println("Enter your choice: ");
int choice = in.nextInt();
```

Changed it by using println to make a new line each time

```

1. Inches to Centimeters
2. Centimeters to Inches
3. Feet to Centimeters
4. Centimeters to Feet
5. Yards to Meters
6. Meters to Yards
7. Miles to Kilometers
8. Kilometers to Miles
Enter your choice:
6
Enter meters: 1.12
1.12 meters is equal to 1.2307692307692308 yards

```

The decimals goes on too long

```

1. Inches to Centimeters
2. Centimeters to Inches
3. Feet to Centimeters
4. Centimeters to Feet
5. Yards to Meters
6. Meters to Yards
7. Miles to Kilometers
8. Kilometers to Miles
Enter your choice:
6
Enter meters: 1.12
1.12 meters is equal to 1.23 yards

```

The decimals now aren't that long

```

import java.text.DecimalFormat;
import java.util.Scanner;

public class Metricconversion {
    public static void main(String[] args) {

        // Lets the user input values and makes it so that decimals only go to the hundredths
        Scanner in = new Scanner(System.in);
        DecimalFormat deca = new DecimalFormat("#.##");
    }
}

```

Import decimal format and puts the decimal format onto the methods while outputting the message to fix the decimals

Example

```

System.out.println(km + " kilometers is equal to " + deca.format(kmtomile(km)) + " miles");

```