```
Option = USERINPUT.nextInt();
switch (Option) {
    case 1:
        System.out.print("Please enter inches: ");

        double Inche = USERINPUT.nextDouble();

        double cent = (Inche);

        System.out.printf("%.2f inches is %.2f centimeters.%n", Inche, cent);
        break;



    case 2:
        System.out.print("Please enter feet: ");

        double feet = USERINPUT.nextDouble();

        cent = (feet);

        System.out.printf("%.2f feet is %.2f centimeters.%n", feet, cent);
        break;
```

The switch sequence Case needs something to multiply so to turn the user number to be converted into another measurement.

```
}

public static double incheToCent(double inche) {
    return inche * 2.54;
}
public static double feetToCent(double feet) {
    return feet * 30.48;
}
public static double yardsToM(double yards) {
    return yards * 0.9144;
}
public static double milesToKm(double miles) {
    return miles * 1.60934;
}
public static double kmToMiles(double km) {
    return km / 1.60934;
}
```

My error was made by making 5 classes that each have the correct number to convert a measurement into another measurement. That later the switch sequence can be used to multiply by.