

```
import java.util.Scanner;
//ConversionKiloMile4
public class ConversionKiloMile4
{
    //begin
    public static void main(String[] args)
    {
        //begin
        boolean doIt;
        int doItAgain;
        double number;
        int response;
        Scanner input = new Scanner(System.in);
        //
        doIt = true;
        doItAgain = 0;
        //
        while (doIt)
        {
            //begin
            System.out.println("To convert kilometers to miles, enter 1");
            System.out.println("To convert miles to kilometers, enter 2");
            response = input.nextInt();
            //
            System.out.println("Enter the number of miles or kilometers ");
            number = input.nextDouble();
            //
            if (response == 1) miles(number);
            if (response == 2) kiloMeters(number);
            //
            System.out.println("Do it again??, 1 = yes 0 = no ");
            doItAgain = input.nextInt();
            if (doItAgain == 1) doIt = true;
            else doIt = false;
        }
        //end while
        //
    }
    //end main
    //
    public static void miles(double number)
    {
        //begin
        final double SIXTWOONE = 0.6214d;
        double kiloMeter, mile;
        kiloMeter = number;
        mile = kiloMeter * SIXTWOONE;
        System.out.println(kiloMeter + " kilometers are " + mile + " miles");
    }
    //end miles
    public static void kiloMeters(double number)
    {
        final double SIXTWOONE = 0.6214d;
        double kiloMeter, mile;
        mile = number;
        kiloMeter = mile / SIXTWOONE;
        System.out.println(mile + " miles are " + kiloMeter + " kilometers");
    }
    //end kiloMeters
}
//end class
```