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TUGAS KONVERSI GALLONS – LITERS

Sourcecode

```
package GalToLit;

import java.util.Scanner;

public class CalCon {

    public static void main(String[] args) {
        // variables
        double liters; // liters
        double gallons; // gallons
        Scanner keyboard = new Scanner( System.in );
        char choice='y';

        try {
            while(choice == 'y') {
                System.out.println("==Aplikasi Kalkulator Gallons - Litters
==");

                System.out.println("1. Gallons ke Litters");
                System.out.println("2. Litters ke Gallons");
                System.out.print("Masukkan pilihan Anda: ");
                String pilihan = keyboard.nextLine();

                switch (pilihan) {
                    case "1":
                        System.out.print( "Masukkan gallon untuk diubah menjadi
litter:" );

                        gallons = keyboard.nextDouble( );
                        //1 US gallon = 3.7854 liter
                        //1 liters = 0.2641 gallons
                        liters = 3.7854 * gallons;
                        System.out.print( gallons + " Gallons = " );
                        System.out.println( (double)Math.round( liters * 1000d ) /
1000d + " liters." );
                        System.out.print( "Apakah Anda ingin mengonversi jumlah
lain?? [y/t]:= " );
                        choice = keyboard.next().charAt(0);
                        break;
                    case "2":
                        System.out.println("== Aplikasi Konversi Litters ke Gallons
==");

                        System.out.print( "Masukkan liter untuk diubah menjadi
galon:" );

                        liters = keyboard.nextDouble( );
                        //1 US gallon = 3.7854 liter
                        //1 liters = 0.2641 gallons
                        gallons = 0.2641 * liters;
                        System.out.print( liters + " Liters = " );
                        System.out.println( (double)Math.round(gallons * 1000d ) /
1000d + " gallons." );
                        System.out.print( "Apakah Anda ingin mengonversi jumlah
lain?? [y/t]:= " );
```

```

        choice = keyboard.next().charAt(0);
        break;
    }

}

}

} catch (Exception e) {
    e.printStackTrace();

}

finally {
    keyboard.close();
}

}
}

```

Screenshoots

