

```

public class UnitConverter
{
    /**
     * Default Constructor
     */
    public UnitConverter()
    {
    }

    /**
     * Perform a conversion
     *
     * @param value    The number to convert
     * @param from     The units for value (e.g., "inches")
     * @param to       The units to convert to (e.g., "feet")
     * @return        The converted value
     */
    public double convert(double value, String from, String to)
    {
        return 0.0;
    }

    /**
     * Get the multiplier needed for a conversion
     *
     * @param from     The units to convert from (e.g., "inches")
     * @param to       The units to convert to (e.g., "feet")
     * @return        What "from" needs to be multiplied by to get "to"
     */
    public double getMultiplier(String from, String to)
    {
        return 0.0;
    }
}

```

```
public class Driver
{
    /**
     * The entry point of the application
     *
     * @param args    The command-line arguments
     */
    public static void main(String[] args)
    {
        double          converted, original;
        String           from, to;
        UnitConverter    calculator;

        calculator = new UnitConverter();

        from      = "inches";
        to        = "feet";
        original   = 10.0;
        converted  = calculator.convert(original, from, to);
        System.out.println(original+" "+from+" = "+converted+" "+to);
    }
}
```