

Sheet#1 BY RIYADH

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Ex#1 )    final double MILK_CARTONS_LITER = 3.78;
           final double COST_PRODUCING_PER_LITER = 0.38;
           final double PROFIT_PER_CARTON = 0.27;
           double totalLiters = 350.0;

           int numberOfCartons = (int) ( totalLiters /MILK_CARTONS_LITER);
           double costProducing = COST_PRODUCING_PER_LITER * totalLiters;
           double profit = PROFIT_PER_CARTON * numberOfCartons;

           System.out.println("number of cartons : " + numberOfCartons);
           System.out.println("cost of producing : " + costProducing);
           System.out.println("profit : " + profit)
```

شرح للاكسرسايز (تصحيح:تغيير اسم الفاينلز نفس الكود اللي فوق "كلش كابيتال")
<https://youtu.be/9zclfeZ0Eeg>

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Ex#2)    double velocityKMH = 100.0;
           final double VELOCITY_MS = 5 * velocityKMH / 18;
           System.out.println("velocity (ms^-1) = " + VELOCITY_MS);
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EX#3)    double radius = 10.0;
           final double PI = 3.14;
           final double AREA = PI * radius * radius;
           final double CIRCUMFERENCE = 2 * PI * radius;
           System.out.println("radius = " + radius);
           System.out.println("area = " + AREA);
           System.out.println("circumference = " + CIRCUMFERENCE);
```