

Week 2 Homework Exercises

Mandatory Problems: You have to do these problems

- 1) Write a Java program to declare three variables: bananas, budget, and cost and store the values 10, 20.3 and 3.14785, respectively. Then print out the values.
- 2) Write a Java program to declare a Boolean variable with initial value of “true.” Change it to “false” before printing it.
- 3) Write a Java program to convert minutes into a number of days and years.
Hint: make 3 integer variables that store the number of minutes, days, and years

Optional Problems: You do not have to do these problems

- 1) Write a Java program that takes two variables, a and b, and then prints the sum, the difference, the product, the average, the distance (the difference between integer), the maximum (the larger of the two integers), the minimum (smaller of the two integers).
You should have variables that will store each answer.
- 2) Write a Java program to break an integer into a sequence of individual digits (example: 54321 to 5 4 3 2 1)
Hint: use modulo! Also assume that you will always be given a 5 digit number.