

## CS 200 >Required Homework > Flowcharting Practice

Using only the tools/skills covered in the lectures and Chapters 1 & 2 solve the following 4 problems using flowcharting to create your algorithm:

Problem 1: Ask the user to enter an integer that represents hours. Then, display how many years and full days that will be. For Example: input: 23088 would display: 2 years 232 days. Assume 365 days per year. Make sure you use user-friendly prompts, and display the results of the computation to the screen

Problem 2: Ask the user to input 3 integer values. Then, find the minimum value of the three values inputted. Make sure you use user-friendly prompts, and display the results of the computation to the screen. Hint: Math.min takes only 2 arguments.

Problem 3: User inputs a value as 'x' number of seconds. Convert it to hours:minutes:seconds. Example: User inputs 5230 seconds, results would be 1:27:10. Make sure you use user-friendly prompts, and display the results of the computation to the screen.

Problem 4: User inputs how many (int values) pennies, nickels, dimes, and quarters they have in a jar. Determine the total in dollars and cents. Make sure you use user-friendly prompts, and display the results of the computation to the screen.

### **Assignment Specifications:**

Create a flowchart to solve each of the four (4) problems listed above.  
No coding required.