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CSE113: Programming and Problem Solving

Spring 2026

Quiz - 1

Duration: 35 Minutes

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1. Draw the flowchart of a program that finds the number of hours, minutes, and seconds in a given number of seconds. For example, how many hours, minutes, and seconds are there in 10,000 seconds? [5]

2. A special number is a number that has at least one odd divisor except 1 and the number itself. For example,

   6 is a special number because, 1, 2, 3, 6 are the divisors of 6. Excluding 1 and 6 there is an odd divisor which is 3.

   8 is not a special number because, 1, 2, 4, 8 are the divisors of 8. Excluding 1 and 8 there is no odd divisor.

   Your task is to read an integer and print whether it is a special number or not. [10]

Sample Input	Sample Output
6	Special number
8	Not a special number