name: _Solution_

1 (10 points). Identify each of the following as random or not. Give reasons for your answers.
(a) The outside temperature in your town at noon on Groundhog Day, February 2
(b) The first digit in your student ID number
(c) You draw an ace from a well-shuffled deck of 52 cards.

(a) Random. There is no way to determine the temperature until it's measured.

(b) Random. The digit is choosen arbitrarily amoung available

— or —

Not random if there is a systematic way of choosing the digit, like setting it to '9' if you were born in a year ending in 9.

(c) Random. There is a 4 in 52 chance for you to draw that ace.