CSE 312: Foundations of Computing II

QuickCheck: Variance, Linearity (due Thursday, April 26)

Name:

0. Weather Norms

A citys temperature is modeled as a random variable with mean and standard deviation both equal to 10 degrees Celsius. A day is described as normal if the temperature during that day ranges within one standard deviation from the mean. What would be the temperature range for a typical day if temperature were expressed in degrees Fahrenheit? Note: $F = \frac{9}{5}C + 32$.