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## Class Assignment 8

### Question 1)

a)

Deterministic programs that produce the same exact results for a particular set of inputs, stochastic programs are the opposite. The model of a stochastic program presents data and predicts outcomes that account for certain levels of unpredictability or randomness.

Example of a Deterministic Program is:

Number of students in a class

Example of Stochastic Program is:

The mean of a size.

b)

The two numbers have the same probability.

c)

58 times out of 1000