Command for Sampling with Replacement

> **Sample(\<List\>, \<Size\>, true)**

Example 1: We want to randomly select three numbers from the list {1,2,3,5} with replacement.

Enter **Sample({1,2,3,5}, 3, true)** and press enter.

$$Sample(\ \{1, 2, 3, 5\},\ 3,\ true)$$

$$\longrightarrow\ \{1, 5, 5\}$$

Here, the random sample is {1,5,5}.

Example2: We want to randomly select five numbers between 0 and 100 with replacement.

Enter **Sample(Sequence(0,100), 5, true)**

$$Sample(Sequence(0, 100), 5, true)$$

$$\longrightarrow\ \{42, 49, 42, 90, 25\}$$

Here, the random sample is {42,49,42,90,25}