

Command for Sampling without replacement

```
Sample( <List>, <Size>, false)
```

Example 1: We want to randomly select three numbers from {1,2,3,5} without replacement.

Enter **Sample({1,2,3,5}, 3, false)** and press enter. You will see the following:

```
= Sample({1, 2, 3, 5}, 3, false)
```

```
▸ {2, 3, 1}
```

Here, the random sample is {2,3,1}.

Example2: We want to randomly select ten numbers between 0 and 100 without replacement.

Enter **Sample(Sequence(0,100), 10, false)** and press enter. You will see the following:

```
Sample(Sequence(0, 100), 10, false)|
```

```
→ {18, 54, 60, 59, 13, 0, 36, 63, 25, 71}
```

Here, the random sample is {18, 54, 60, 59, 13, 0, 36, 63, 25, 71}.