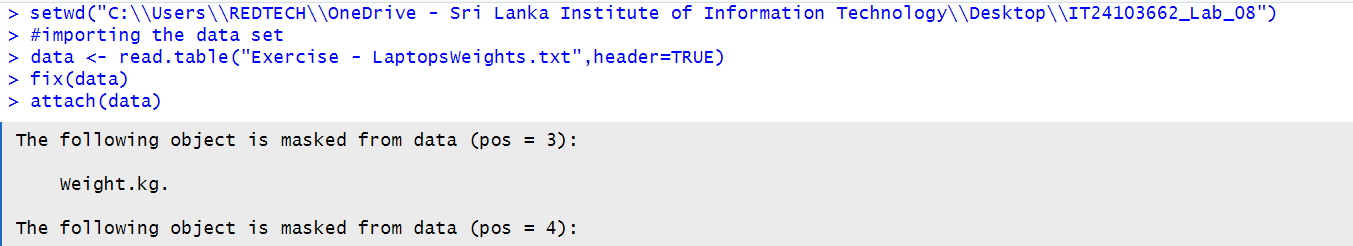
**Probability and Statistics IT2120**

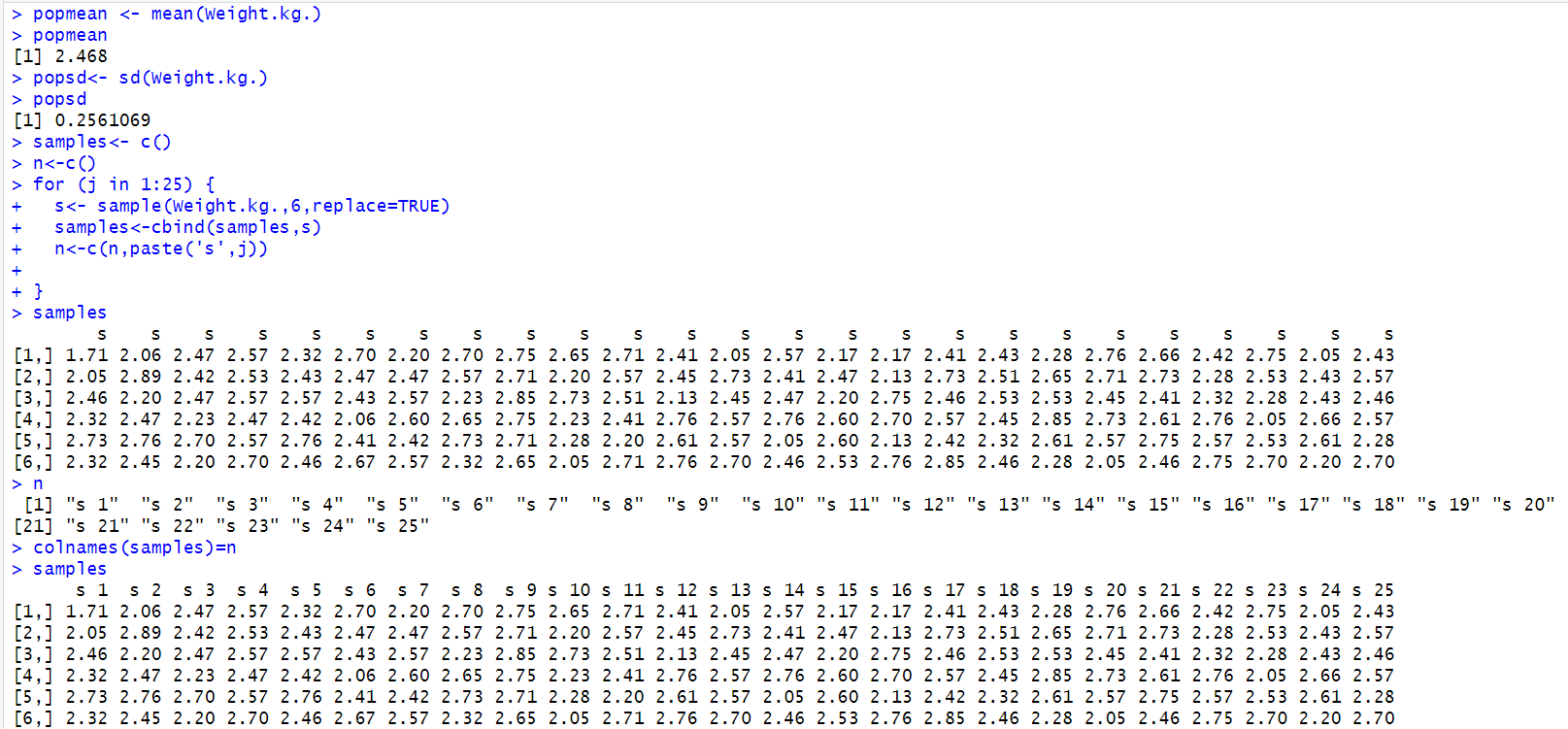
**Lab Sheet - 08**

**Name: Jayasingha J N D**

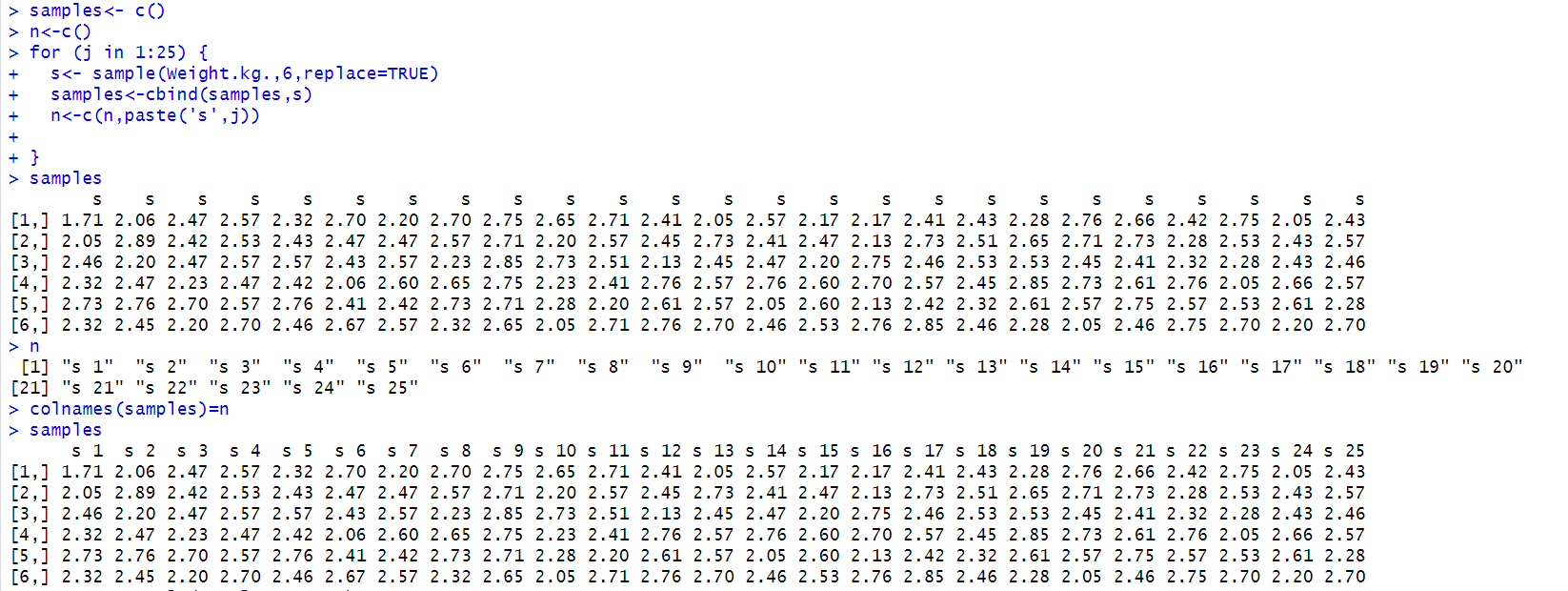
**ITNo: IT24103662**

1. Calculate the population mean and population standard deviation of the laptop bag weights.

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2. Draw 25 random samples of size 6 (with replacement) and calculate the sample mean and sample standard deviation for each sample.

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**A close-up of a text

AI-generated content may be incorrect.**

3. Calculate the mean and standard deviation of the 25 sample means and state the relationship of them with true mean and true standard deviation.

