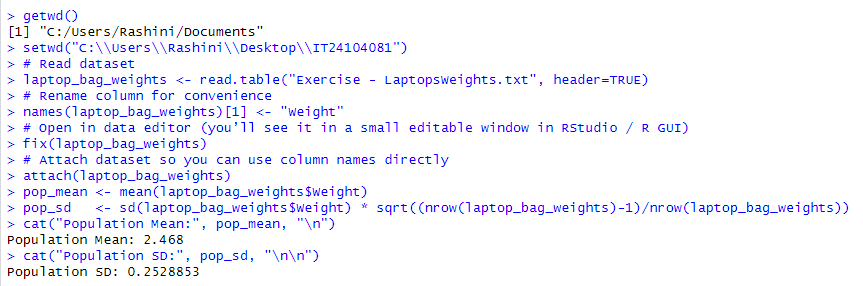
**Faculty of Computing Year 2 Semester 1 (2025)**

**IT2120 - Probability and Statistics**

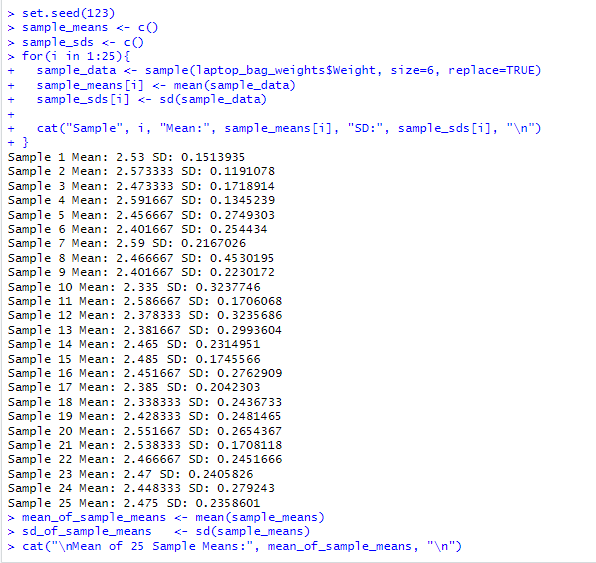
**Lab Sheet 08**

**IT24104081**

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

****

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

****

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

**A computer code with text

AI-generated content may be incorrect.**