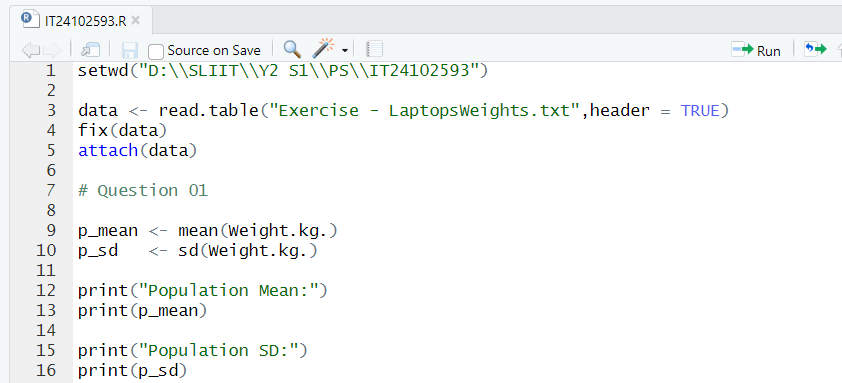
IT2120 - Probability and Statistics

Lab 08

IT24102593

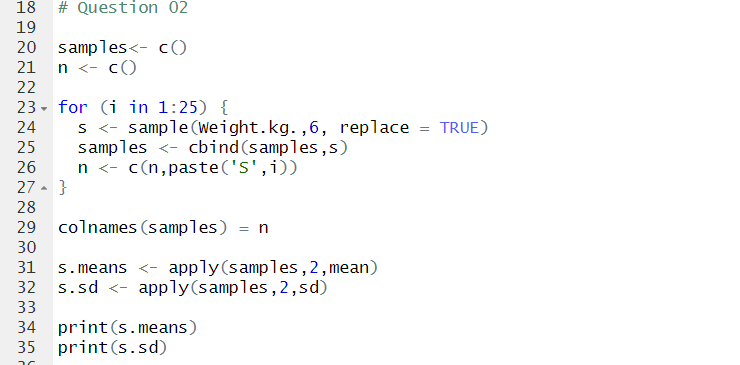
1. Calculate the population mean and population standard deviation of the laptop bag weights.



A screenshot of a computer

AI-generated content may be incorrect.

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



A screenshot of a computer code

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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

A screenshot of a computer code

AI-generated content may be incorrect.

A close-up of a white background

AI-generated content may be incorrect.

A screenshot of a computer screen

AI-generated content may be incorrect.