**PS Lab 08**

**IT24100778**

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**A computer screen shot of a computer code

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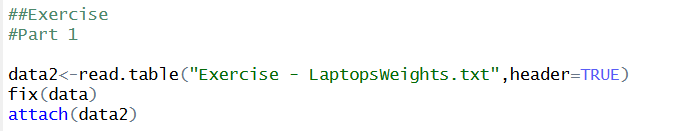
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**Exercise**

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

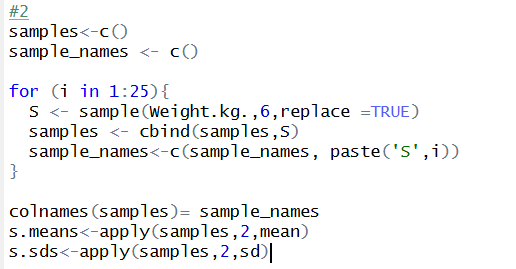
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1. Draw 25 random samples of size 6 (with replacement) and calculate the sample mean and sample standard deviation for each sample.



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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.

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