**IT24102109 – PS Lab 9**

1. Assume that the time taken to bake a batch of cookies is normally distributed with mean 45 minutes and standard deviation 2 minutes.

i. Generate a random sample of size 25 for the baking time.

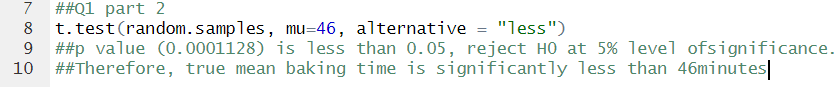
A computer screen shot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

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ii. Test whether the average baking time is less than 46 minutes at a 5% level of significance.



A computer screen shot of a code

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