**PS – Lab 09**

1. Assume that the time taken to bake a batch of cookies is normally distributed with mean 45 minutes and standard deviation 2 minutes.
2. Generate a random sample of size 25 for the baking time.

A screenshot of a computer

AI-generated content may be incorrect.  
A screenshot of a computer

AI-generated content may be incorrect.

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

A screenshot of a computer

AI-generated content may be incorrect.

A computer screen shot of a number

AI-generated content may be incorrect.