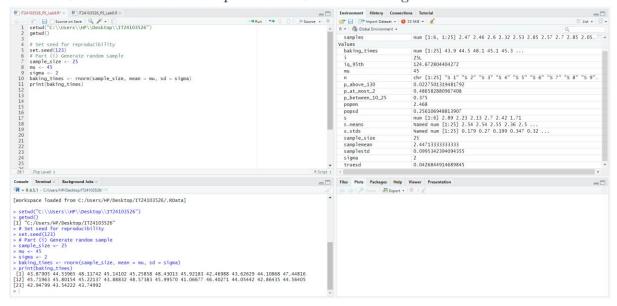
IT2120 - Probability and Statistics

Lab Sheet 09

IT24103526 - Senaratne P.A.R.T.

Exercise

- 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.



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

