Data Security & Privacy
Project 1
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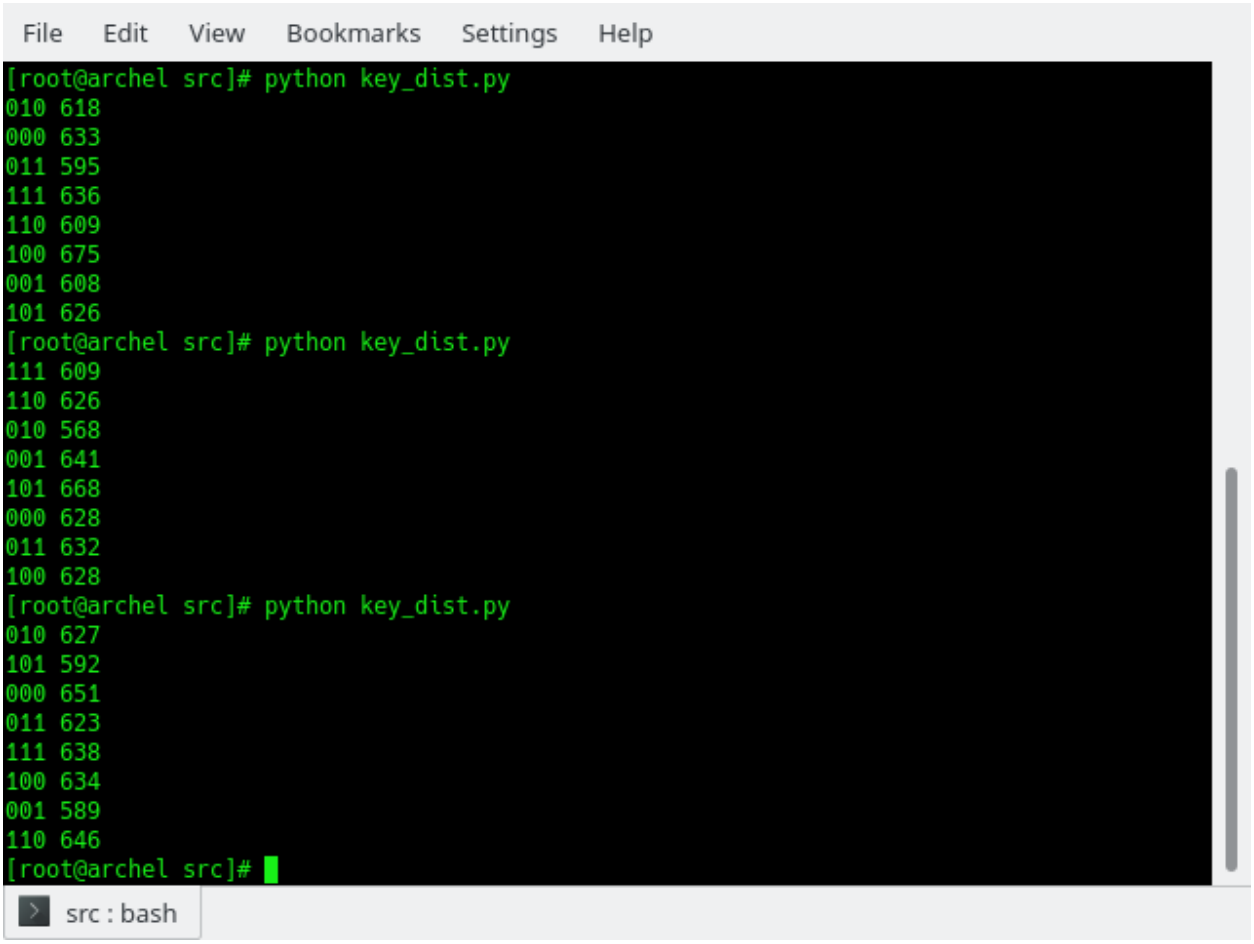
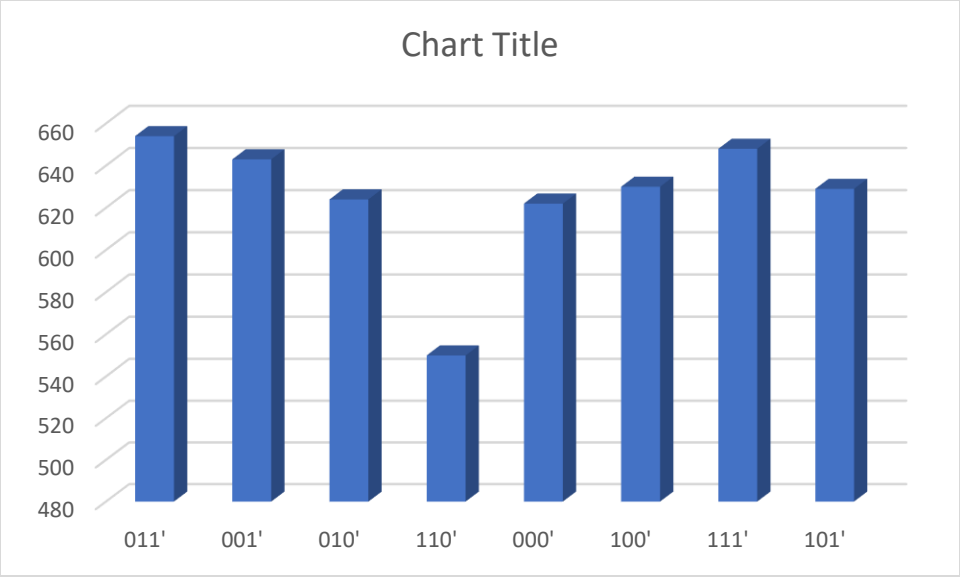
5000 keys are generated randomly and their frequency distributions are calculated. The following is the output of 3 runs



We can see clearly that the distribution is almost uniform for every key.

The following is a bar chart of frequency distribution drawn from output of one of the runs



'timeit' built-in library is used to measure execution time of 128 bit encryption. The following image shows run times of a few executions

The average execution time is 0.000667 seconds.

Other details about OS and execution are described in the Readme file.