A COMPARISON BETWEEN THE EXECUTION TIMES OF HADOOP AND SPARK

■ Time taken by Hadoop (ms)　　■ Time taken by Spark (ms)
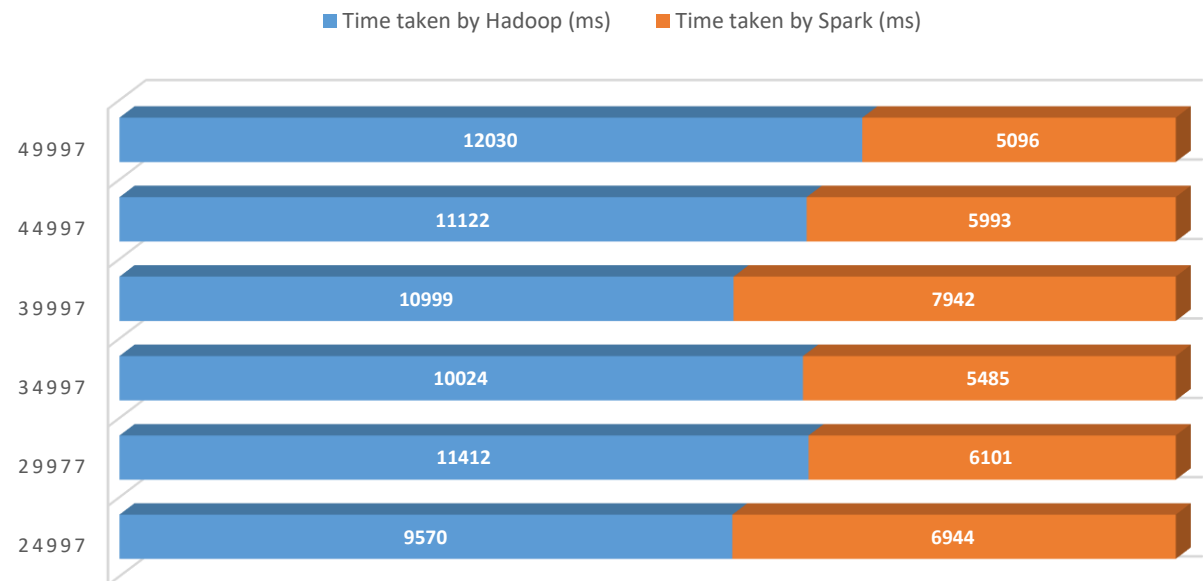
	24997	29977	34997	39997	44997	49997
■ Time taken by Hadoop (ms)	9570	11412	10024	10999	11122	12030
■ Time taken by Spark (ms)	6944	6101	5485	7942	5993	5096

Bar chart values:

- 49997: Hadoop 12030, Spark 5096
- 44997: Hadoop 11122, Spark 5993
- 39997: Hadoop 10999, Spark 7942
- 34997: Hadoop 10024, Spark 5485
- 29977: Hadoop 11412, Spark 6101
- 24997: Hadoop 9570, Spark 6944

➢ The executed Spark program that finds the mutual friends for each pair of friends in the input file and writes the results to the output directory.

➢ The execution time of the program will depend on the size of the input file and the number of mutual friends pairs.