01_HW_12

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1 Distributed Systems (LTAT.06.007)

1.0.1 Seminar 12: Implementation of Distributed Hash Table (DHT) in python

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1.1 Task

Based on the exercise, Please implement the DHT with the following commands:
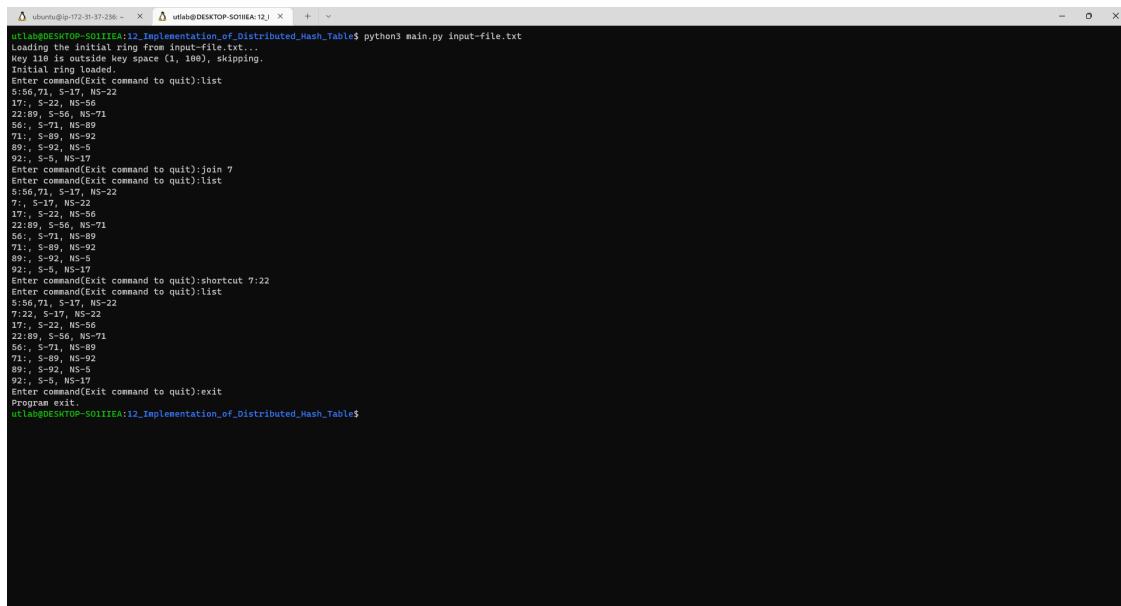
- **Join:** this commands allows a new node to join the ring. Notice that successor and next successor references should be updated.

  ```
  $ join 7: its successor 17 and next successor is 22
  ```

- **Shortcut:** this command adds a shortcut from one node to another.

  ```
  $ shortcut 7:22
  ```

(A) :