**Test Cases**

**(Positive Cases)**

1. All’s Well That Ends Well

**Output:** Comedies

Provide the input “All’s Well That Ends Well”. Since the input is present in the input file, it returns its genre as “Comedies”.

1. Sonnets

**Output:** Poems

Provide the input “Sonnets”. Since the input is present in the input file, it returns its genre as “Poems”.

**(Negative Cases)**

1. Jungle Book

**Output:** Book not present in the system

Provide the input “Jungle Book”. Since the input is not present in the input file, it returns output as “Book not present in the system”.

1. Well That Ends Well

**Output:** Book not present in the system

Provide the input “Well That Ends Well”. Even if the input is a substring of one of the inputs, it returns output as “Book not present in the system” because the provided input is not present int the input file.

**(System Specific Cases)**

1. Same Node trying to join DHT

**Output:** Address already in use (Bind Failed) exception.

1. Joining a node when other node is joining

**Output:** NACK will be returned and it will prevent the node from joining

1. Single Node (Set and Get)

**Output:** Working Properly

All key value pairs are set in the single system and therefore the routing info for get is a single node.