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CS-163

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Program #3 Test Plan

```
int table::load();
```

Test Case(s) :

1. file has an information
2. file has no information
3. file does not exist

Expected Result(s) :

1. load data, store in the table, return success
2. return failure
3. return failure

```
int table::add(); //Add new comic into the table
```

Test Case(s) :

1. collision
2. no collision

Expected Result(s) :

1. chaining, return success
2. no chaining, return success

```
int table::retrieve(); //retrieve information about the comics entered by  
superhero name
```

Test Case(s) :

1. match
2. no match

Expected Result(s) :

1. Display content, return success
2. return failure

```
int table::remove(); //Remove a comic based on the name of the comic book
```

Test Case(s) :

1. match
2. no match

Expected Result(s) :

1. remove content, return success
2. return failure

```
int table::display_superhero_comics(); //Display all comics featuring a superhero
```

Test Case(s) :

1. table is empty
2. table is not empty, there is no superhero comic
3. table is not empty, there are superhero comics

Expected Result(s) :

1. return failure
2. return failure
3. display all superhero comics, return success

```
int table::display_all(); //Display all(not ordered)
```

Test Case(s) :

1. Table is empty
2. Table is not empty

Expected Result(s) :

1. return failure
2. Display all, return success