Example 1: Using pre-defined searches

```
-------------------------------------------------------------------------------
Accessing database...
This database is sorted using an Avl Tree and a Linked list
-------------------------------------------------------------------------------
Commencing Search Time Test between Algorithms...
-------------------------------------------------------------------------------
Searching for id '230' using AvlTree....
Found within 9 comparisons
Found in... 0.0002219 seconds.

Searching for id '230' using Linked list....
Record found!
Found after 230 comparisons...
Found in... 0.0006096 seconds.

Record was found.... 0.0003877 seconds faster using Avl Tree!
-------------------------------------------------------------------------------

Searching for name 'Siana' using AvlTree....
Record found!
Found after 8 comparisons...
Found in... 8.49e-05 seconds.

Searching for name 'Siana' using Linked List...
Record found!
Found after 597 comparisons...
Found in... 0.0020036 seconds.

Record was found.... 0.0019187 seconds faster using Avl Tree!
-------------------------------------------------------------------------------

Searching for surname 'Pantry' using AvlTree....
Record found!
Found after 7 comparisons...
Found in... 0.0002364 seconds.

Searching for surname 'Pantry' using Linked List...
Record found!
Found after 573 comparisons...
Found in... 0.0019345 seconds.

Record was found.... 0.0016981 seconds faster using Avl Tree!
-------------------------------------------------------------------------------
```

Example 2: Manual Search

```
Please pick a search option from the 10 fields below:
(Items below are case sensitive, enter fields exactly as shown)
-----------------------------------------------------------------------------------------------------

 [id, first_name, last_name, email, address, state, city, car, car_model, car_color

-----------------------------------------------------------------------------------------------------

Enter field to be searched: id


Enter record to be searched:
230


Commencing Search....

-----------------------------------------------------------------------------------------------------

Searching for... '230' in  Avl tree by key: id
Found within 9 comparisons

Found in... 0.0001647 seconds.

Searching for... '230' in Linked list by key: id
Record found!
Found after 230 comparisons...
Found in... 0.0006001 seconds.

-----------------------------------------------------------------------------------------------------
Record was found.... 0.0004354 seconds faster using Avl Tree!
-----------------------------------------------------------------------------------------------------
```