

Hashed List Search – Test Plan (1/2)

TEST #	MENU OPTION	INPUT	OUTPUT
1.	T – Print indented list	None	List indented tree
2.	D – Delete N - Number	Street Number: 10650	10650 - SmokeEaters was successfully deleted!
3.	D – Delete N - Number	Street Number: 2b329 Street Number: 10350	2b329 is not a valid input. Asks user to reenter until input is valid. Curry House has been deleted.
4.	P – Search	Street Number: 1111	Restaurant with number 1111 was not found.
5.	P– Search	Street Number: -94. Street Number: 10123	-94. is not a valid input. Asks user to reenter until input is valid. Spring Rice and Crawfish 10123 N Wolfe Rd Seafood
6.	P – Search	Street Number: 21000	Ike's Lair 21000 Stevens Creek Blvd. Sandwiches
7.	P – Search	Street Number: 1361	Bobbie's Cafe 1361 S De Anza Blvd Breakfast
8.	I – Add	Restaurant Name: ABC Street Number: -4828	-4828 is not a valid street number.

		Street Number: 1289 Street: Hi Type: Yum	Added successfully!
9.	I – Add	Restaurant Name: Paris Baguette Street Number: 20735 Street: Stevens Creek Blvd Type: Bakery	20735 – Paris Baguette has been successfully added!
10.	I - Add	Restaurant Name: Paris Baguette Street Number: 20735 Street: Stevens Creek Blvd Type: Bakery	Restaurant with address number 20735 already exists!
11.	K – Print In Key Sequence	None	Print Data in Key Sequence
12.	A – Write to file	None	Data as successfully been written to a file!
13.	S – Hash stats	None	Example: Non-empty buckets: 4 Items Max: 6 Average: 3
14.	H – Print in hash sequence	None	Print data in hash sequence
15.	M -Menu	None	Display menu
16.	I - Add	(To demonstrate collision) Restaurant Name: Demonstrate Collision Resolution	Insert successful! (Inserts into index 13, same as Paris Baguette)

		Street Number: 70235 Street: AAA Type: A	
17.	Q - Quit	None	

Binary Tree Search

TEST #	MENU OPTION	INPUT	OUTPUT
1.	D – Delete S - Name	Restaurant Name: Starbucks	'Starbucks' with address number 20520 has been deleted. 'Starbucks' with address number 10355 has been deleted. 'Starbucks' with address number 82012 has been deleted. 'Starbucks' with address number 19831 has been deleted.
2.	D – Delete	Restaurant Name: Safeway	Safeway was not found.
3.	N – Search	Restaurant Name: 212 New York Pizza	212 New York Pizza 19998 Homestead Rd Type: Pizza
4.	N – Search	Restaurant Name: Chipotle Mexican Grill	Chipotle Mexican Grill 10385 De Anza Blvd Type: Mexican
5.	N – Search	Restaurant Name: Chezz	Chezz was not found.
6.	T – Print indented tree	None	Tree printed with restaurant name only and indented/numbered according to level.
7.	A – Save to	None	Restaurants were successfully saved!

	output		
--	--------	--	--