Feedback on Code

Each of the tests mentioned was performed by feeding in test data to your code. This test data is provided at the back of this report.

Criteria	Feedback	Marks
Code compiles	Complies and runs	5/5
Code passes basic functionality test	Correctly inserts 4 words at correct locations i.e. Dog at position 82 Prints correctly Size works correctly Look up works when word is present	15/15
Code passes insertion stress test	Valid Strings can contain spaces, your implementation does not allow this Hash tables do not allow duplicates to be inserted. Your implementation allows this	0/20
Code passes deletion test	Deletes something in middle of a chain Deletes something at the beginning of a chain Deletes something at the end of a chain Deletes two things from the same chain Does not fall over when trying to delete something not in the table	20/20
Code Passes finding test	Finds something in middle of a chain Finds something at the beginning of a chain Finds something at the end of a chain Finds two things from the same chain	20/20
Code is well written and commented	You really do not need that number of private variables in the class. I prefer just putting method prototypes in the class rather than the whole method. I think this makes it easier to see at a glance what methods are in the class and which are private, public etc. This is just preference so no marks have been deleted for this. I think the hashfunction should be private. The user never needs direct access to this, it is only used by other methods in the class. Commenting and structure is OK, apart from all the unnecessary variables.	7/10

Feedback on Report

Criteria	Feedback
Report contains an overview of the problem in your own words	Far too brief. I expect you to show me that you understand the problem in your own words.
Report contains details of the code	Far to brief. You should **explain** the functionality of every single method. As your code gets more complex you should also explain how they interact.
Report contains critical analysis	Glad to hear that you did not know have any major problems.

Mark for report   **5/10**
Total Mark   **72/100**

Feedback requested: Included above

A model answer can be found on the assignment section of MyDundee.

Basic functionality test

i

Cat

i

Dog

i

Mouse

i

Elephant

p

s

l

Elephant

Insertion stress test

i

Absolute

i

Addition

i

Aggregation

i

Analysis

i

Analyze

i

Arabia

i

Arrange

i

Babylonia

i

Balance

i

Binomial

i

Boolean algebra

i

Brace

i

Bracket

i

Changing

i

Chemist

i

Chinese

i

Coefficient

i

Column

i

Compound interest

i

Connected

i

Constant

i

Cross product

i

Daily

i

Definition

i

Derive

i

Diagram

i

Difficult

i

Digit

i

Discount

i

Distance

i

Division

i

Dot

i

Elements

i

Engineering

i

Equal

i

Equate

i

Equation

i

Estimation

i

Evaluate

i

Even

i

Examples

i

Explanation

i

Exponent

i

Expression

i

Factor

i

False

i

Formula

i

Fraction

i

Function

i

Fundamental

i

Graduation

i

Graph

i

How much

i

Illustration

i

Indeterminate

i

India

i

Infinite

i

Input

i

Instruct

i

Interest

i

Inverse

i

Investigate

i

Law

i

Letters

i

Linear

i

Mastery

i

Mathematics

i

Matrix

i

Monomial

i

Multiplication

i

Negative

i

Notation

i

Note

i

Number

i

Numeric

i

Obtain

i

Odd

i

Pair

i

Parenthesis

i

Persia

i

Physicist

i

Point

i

Polynomial

i

Positive

i

Problem

i

Procedure

i

Product

i

Professor

i

Proportion

i

Quadratics

i

Range

i

Replacement

i

Represent

i

Requirement

i

Root

i

Scale

i

School

i

Sentence

i

Sequence

i

Set

i

Sign

i

Simplify

i

Slope

i

Solution

i

Solve

i

Square root

i

Squared

i

Stand for

i

Statement

i

Studying

i

Substitute

i

Subtraction

i

Sum

i

Symbol

i

Teacher

i

Term

i

Terms

i

Theories

i

Theory

i

True

i

Unit

i

Unknown

i

Unlike
i
Useful
i
Value
i
Variable
i
Vector
i
Work with
i
Written
i
Zero
i
http://www.myvocabulary.com/word-list/algebra-vocabulary/#sthash.xXHbPW06.dpuf
i
Pair

Deletion stress test
Insertion stress test followed by:
d
Physicist
d
Proportion
d
Professor
d
Polynomial
d
arrrgggghhh
p

Finding stress test
Insertion stress test followed by:
l
Physicist
l
Proportion
l
Professor
l
Polynomial