**Task 1 Evaluation – Tom H**

**Success Criteria:**

My program must be made in Visual Basic as it is a reliable programming language and it must include a user friendly design:

Yes, my program was made in visual basic and has been coded efficiently so that is easily readable in case I needed to make an edit to it and complex enough to work flawlessly. The design looks stylish and the colour complements the design well. The buttons and list box are clearly displayed for the user to see and are the right size for any screen size. The design can be seen in my development document as I have taken screen shots of the code and program design.

The program must allow the user to enter in a word of their choice which will be used for searching through a sentence also entered by the user:

The program does allow the user to enter any sentence or word that they like by using the buttons which will display an input box for either the word or the sentence. They appear with formal instructions on what to do so the user knows exactly what to enter; once this is done the sentence or word will be displayed clearly in the program in the list box. My testing document shows this working in 1 – A and 2 – B.

The program should recognise if the word is in the sentence or not and if so it should clearly show where about in the sentence it’s numerical position(s) in the sentence:

My program will find the position of the word and returns the position to the user via the list box. If the word is not in the sentence it will send an error message and in the list box it will give a reply to the word that has failed. The user will clearly know what the position of the word is if it’s in the sentence. This can be seen in parts 2 – A and 2 – F.

My program will need to be able to recognise a word regardless of its case and accept the word:

The program will recognise words regardless of case. To stop words being case sensitive the program will make the whole sentence and word upper case so the word will be recognised if it is entered with different cases to what has been entered in the sentence. The program will display the words in the list box as they were originally entered so the user knows exactly what they entered, however, the program will work with only uppercases.

**Summary:**

I felt that the program works very well and I am pleased with the outcome of the code. The design has a better vibe to it with the light blue style and the border which makes it very user friendly. The input boxes made the application look less busy so I wouldn’t have to cram a lot of things onto the face of the program. As well as this, the list box was a particular feature that is very user friendly because of the formal response to the users entered sentence and words. My program’s design that I produced in Visual Basic looks very similar to my drawn user interface.

If I was to improve my program I would add some code that would check for punctuation and either remove it all together or add a piece of code that will notify the user that there was punctuation in a certain word.