

COMP500 / ENSE501: Week 11 – Exercise:

EXERCISE NAME: *BSearch argv*

What a program that uses **qsort** to sort the command line arguments passed into the program when executed, and then uses **bsearch** to check whether or not the C-String "AUT" was one of the arguments.

An example of program's output when run as **program.exe Hello World** is as follows:

```
The key was not found!
```

Another example of program's output when run as **program.exe Hello AUT World** is as follows:

```
The key [AUT] was found.
```

Another example of program's output when run as **program.exe there are many arguments passed into this program at launch, none of them are the key we are searching for!** is as follows:

```
The key was not found!
```

Another example of program's output when run as **program.exe there are many arguments passed into this program at launch, one of them is AUT will we be able to find it?** is as follows:

```
The key [AUT] was found.
```

Remember that the addresses will change each time the program is executed!

Ensure the program output is exactly as described, and that the whitespace of your source code is well formatted.