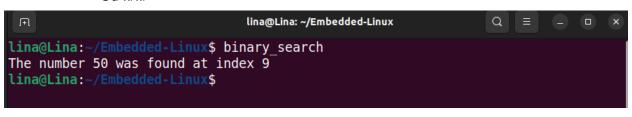
Admin Linux - Task 2

Question 2:

1. Moving the binary file output to the directory /usr/local/bin

```
lina@Lina: ~/Embedded-Linux/Tasks/Task2
lina@Lina: ~/Embedded-Linux/Tasks/Task2$ gcc binary_search.c -o binary_search
lina@Lina: ~/Embedded-Linux/Tasks/Task2$ ./binary_search
The number 50 was found at index 9
lina@Lina: ~/Embedded-Linux/Tasks/Task2$ sudo mv binary_search /usr/local/bin/[sudo] password for lina:
```

- 2. Executing binary_search from multiple directories:
 - Cd ../../



Home directory:



3. Evidence as to why the binary can be executed from any location:



Since "/usr/local/bin" is one of the specified directories listed in the system's PATH environment variable, and binary_search was moved to this directory, the shell can execute it without being in the directory of this binary explicitly.