ENCM-339 Fall 205 – Midterm Solution

Section 3 - Part a

Obviously, there are many different correct ways to code these functions. Here is are some possible solutions:

Part a (first function):

```c
 const char *find_1st(const char *s, int c) {
      while (*s != '\0' && *s != c)
        s++;


      if (*s == c)
        return s;
      else
        return NULL;
 }
```

Part a (second function):

```c
 const char *find_last(const char *s, int c) {
    const char *result = NULL;
    while (*s != '\0') {
      if (*s == c)
        result = s;
      s++;
    }
    return result;
}
```