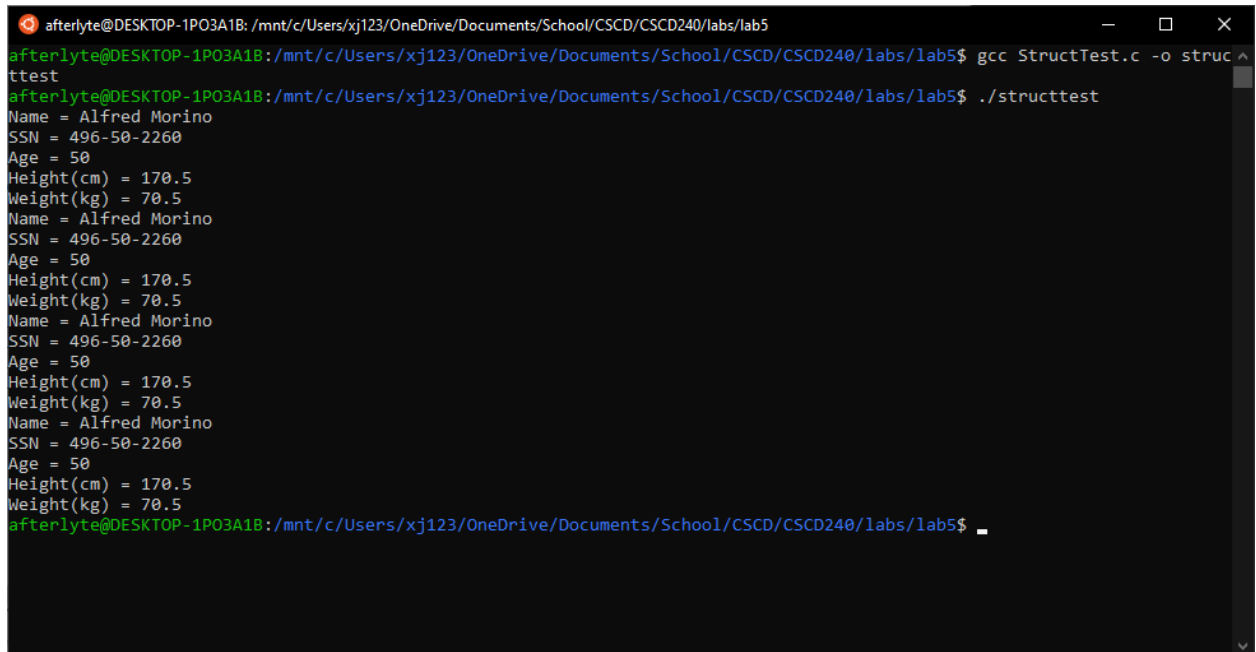


## Lab 5 Pointers and Structs

1. “int \*p[10]” creates a pointer to an array of integer pointers, while “int (\*p)[10]” creates a pointer to an array of 10 integer values. The parentheses specify that the pointer is contained as one pointer object having 10 integer values.
2. “int (\*)(char (\*a)[])” creates a pointer to a function that takes a pointer to an array of characters as a parameter and returns an int. “int \*p(char (\*a)[])” is a function that takes a pointer to an array of characters as a parameter and returns an int pointer.
3. —



```
afterlyte@DESKTOP-1P03A1B: /mnt/c/Users/xj123/OneDrive/Documents/School/CSCD/CSCD240/labs/lab5
afterlyte@DESKTOP-1P03A1B:/mnt/c/Users/xj123/OneDrive/Documents/School/CSCD/CSCD240/labs/lab5$ gcc StructTest.c -o structttest
afterlyte@DESKTOP-1P03A1B:/mnt/c/Users/xj123/OneDrive/Documents/School/CSCD/CSCD240/labs/lab5$ ./structttest
Name = Alfred Morino
SSN = 496-50-2260
Age = 50
Height(cm) = 170.5
Weight(kg) = 70.5
Name = Alfred Morino
SSN = 496-50-2260
Age = 50
Height(cm) = 170.5
Weight(kg) = 70.5
Name = Alfred Morino
SSN = 496-50-2260
Age = 50
Height(cm) = 170.5
Weight(kg) = 70.5
afterlyte@DESKTOP-1P03A1B:/mnt/c/Users/xj123/OneDrive/Documents/School/CSCD/CSCD240/labs/lab5$
```

4.