

CSC 209 Review 7 Solution

August 26, 2020

1 Exercises

1. First, I need to justify if the following declarations are legal on an individual basis:

```
struct {int x, y;} x;  
struct {int x, y;} y;
```

The struct `struct {int x, y;} x;` is legal. `struct {int x, y;} x;` is equivalent to

```
1  struct {  
2      int x;  
3      int y;  
4  } x;
```

and 'x' beside struct represents variable of that type.

Notes

- Declaring Structure Variables

```
struct part {  
    int number;  
    char name[NAME_LEN+1];  
    int on_hand;  
} part1, part2;
```

members of struct

variables that represent
this struct