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**Workshop 5 – home**

**Section: 144 NHH**

**REFLECTION:**

Doing this week’s workshop, I learned how to declare a struct, and store information with different types in it. I learned how to initialize all the elements and their member variables to 0 in a very simple way. I used “switch” for the first time, and I found it easy. I practiced doing “do-while” and nested for loops. One of the interesting things I learned, was finding an empty slot for adding an employee in this workshop. I learned to simply type “if (emp[i].id == 0)”, to find the empty slot and add the new employee and his age and salary in there. I used flags in my code for the first time, and I found them quite useful. I learned how to remove an employee in an almost similar way of finding an empty slot. This time, by setting the objects to 0, I removed them.

Questions:

1. I think the biggest advantage an array of struct has is that we, not only store different types in them, we have members for objects, and both can be arrays. Therefore, array structs make our work so much easier.
2. Instead of declaring the struct in the emp\_athome.c file, we could have declared it in a separate source file. That way we could have used it for other problems in other times as well. The other advantage is that declaring the struct in the program makes it look longer, so it is better to declare it separately.