

Name _____ MacID _____ Student# _____

Compsci 1XC3 C01,C03

Quiz5

(30 min)

Write a short program:

- Define a structure called `Employee`, each employee should have their `name`, which is a `char*`, and `id` which is an integer number.
- Define a structure called `EmployeeListNode` for an employee list. Each node has its `data`, which is an `Employee` pointer, and another `next` pointer pointing to the next node in the list.
- Implement a clone function that deep copies an employee list, and returns the head of the cloned list, using the following signature.

```
struct EmployeeListNode* clone(struct EmployeeListNode*);
```