

Northern Michigan University (Marquette Co, MI)

CS201-01-22F: Programming In C++ (Andrew A. Poe)

Practice Quiz 7

Wednesday 2 November 2022 11:00 A.M. EDT

Time: 15 minutes.

```
class LL {  
private:  
    LLN *head;  
};
```

```
class LLN {  
private:  
    string s;  
    LLN *next;  
};
```

Write the code for `string LL::Catenate();`

This pastes together and returns the strings in the nodes. For example, if the linked list was AB->CD->EF->GH, the method would return "ABCDEFGH". The linked list should not be altered at all.

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```
string LL::Catenate () {
```

```
    if (!head) return "";
```

```
    return head->Catenate();
```

```
}
```

```
string LLN::Catenate() {
```

```
    string tot = s;
```

```
    if (next) tot += next->Catenate();
```

```
    return tot;
```

```
}
```