

Step 1: Code

```
File Edit View Terminal Help
#include <stdexcept>

template <class T>
const T& STACK<T>::top() const
{
    // You must have thought this stack was
    // occupied. NOPE.
    if (isEmpty())
    {
        throw std::length_error("stack is empty");
    }
    else
    {
        return m_head->m_data;
    }
}

template <class T>
void STACK<T>::push(const T& x)
{
    // GET ON TOP
    LINKED_LIST<T>::insertAtHead(x);
}

-- INSERT --
```

Step 2: Compile

```
File Edit View Terminal Help
kp@koulevprime:~/Documents/cs153/Homework 4 - Stack with Inheritance$ g++ *.cpp -lpthread -lgtest
In file included from STACK.h:51,
    from test_stack.cpp:7:
STACK.hpp: In member function 'const T& STACK<T>::top() const':
STACK.hpp:19: error: 'm_head' was not declared in this scope
kp@koulevprime:~/Documents/cs153/Homework 4 - Stack with Inheritance$
```

Step 3: ~~Cry~~ Conquer!



DuckDuckGo

Learn more
about the !bang
operator here:

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- ... or ...
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