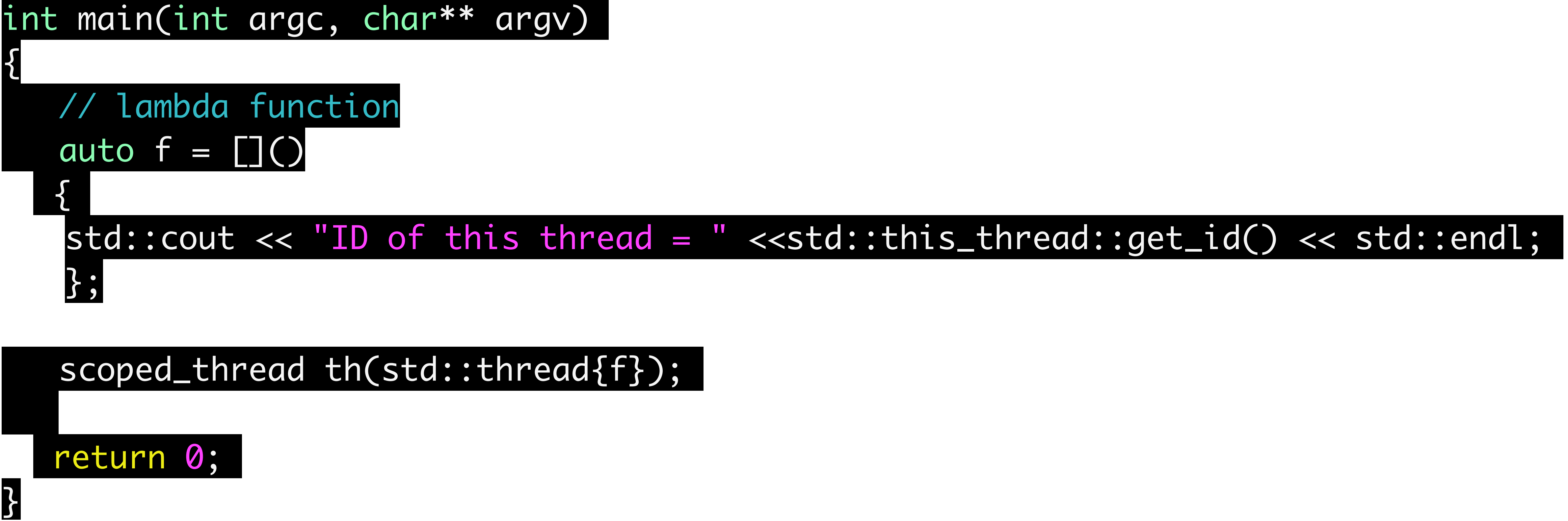

```cpp
int main(int argc, char** argv)
{
   // lambda function
   auto f = []()
   {
   std::cout << "ID of this thread = " <<std::this_thread::get_id() << std::endl;
   };

   scoped_thread th(std::thread{f});

   return 0;
}
```

will this code work?

```
int main(int argc, char** argv)
{
   // lambda function
   auto f = []()
   {
   std::cout << "ID of this thread = " <<std::this_thread::get_id() << std::endl;
   };

   scoped_thread th(std::thread{f});

   return 0;
}
```

scoped thread

```
class scoped_thread
{
    std::thread t_;
public:
    explicit scoped_thread(std::thread t ) : t_(std::move(t))
    {
        if(t_.joinable() == false )
            std::logic_error("This is not a thread!!");

    }
    ~scoped_thread()
    {
       if(t_.joinable())
         t_.join();
    }

    scoped_thread(scoped_thread&& x) : t_(std::move(x.t_))
    {}

    scoped_thread(scoped_thread&) = delete;
    scoped_thread& operator=(const scoped_thread&) = delete;
};
```