

Lambda Expressions and Function Pointers

Objective: Understand the limitations of converting lambda expressions to function pointers, particularly when lambdas capture variables.

Instructions:

1. Define Two Lambdas:

- **Lambda 1:** Define a lambda that does not capture any variables and takes a parameter. This lambda should simply print the value of the parameter.
- **Lambda 2:** Define a lambda that captures a variable from its surrounding scope. This lambda should print the value of the captured variable and take a parameter.

2. Create Function Pointers:

- **Attempt to create function pointers for both lambdas.**
- **Observe the compilation errors when attempting to create a function pointer for the lambda that captures a variable.**

Thank You