

Name: Adithya M PES1UG20CS621 Section K



The Linux Foundation hereby certifies that
PES1UG20CS621 Adithya M
has successfully completed
A Beginner's Guide to Linux Kernel Development (LFD103)



TIMOTHY SEREWICZ,
TRAINING PROGRAM DIRECTOR

April 01, 2022

DATE OF COMPLETION

LF-onytn08to2

CERTIFICATE ID NUMBER

LESSONS

▼

▼ PATCHES

▼ Knowledge Check

▼ Chapter 3 Quiz

04. WORKING WITH THE LINUX KERNEL COMMUNITY

▼ Introduction

▼ Working with the Linux Kernel Community

▼ Knowledge Check

05. CONFIGURING YOUR DEVELOPMENT SYSTEM

▼ Introduction

RESOURCES

NOTES

PATCHES

Knowledge Check

QUIZ RESULTS

YOU GOT 6 OUT OF 6 CORRECT: 100%

6

6

6

0

● TOTAL (6)

● ANSWERED

● CORRECT

● INCORRECT

Retake Quiz

Review All Question Results

Continue to Next Section

LESSONS

▼

▼ Linux Kernel Development Process

▼ Knowledge Check

▼ Chapter 2 Quiz

03. PATCHES

▼ Introduction

▼ Patches

▼ Knowledge Check

04. WORKING WITH THE LINUX KERNEL COMMUNITY

▼ Introduction

▼ Working with the Linux Kernel Community

RESOURCES

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LINUX KERNEL DEVELOPMENT PROCESS

Knowledge Check

QUIZ RESULTS

YOU GOT 8 OUT OF 8 CORRECT: 100%

8

8

8

0

● TOTAL (8)

● ANSWERED

● CORRECT

● INCORRECT

Retake Quiz

Review All Question Results

Continue to Next Section

LESSONS

▼

▼ Working with the Linux Kernel Community

▼ Knowledge Check

▼ Chapter 4 Quiz

05. CONFIGURING YOUR DEVELOPMENT SYSTEM

▼ Introduction

▼ Configuring Your Development System

▼ Knowledge Check

06. EXPLORING LINUX KERNEL SOURCES

▼ Introduction

RESOURCES

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WORKING WITH THE LINUX KERNEL COMMUNITY

Knowledge Check

QUIZ RESULTS

YOU GOT 7 OUT OF 7 CORRECT: 100%

7

7

7

0

● TOTAL (7)

● ANSWERED

● CORRECT

● INCORRECT

Retake Quiz

Review All Question Results

Continue to Next Section

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Knowledge Check

← ————— →

QUIZ RESULTS

YOU GOT 5 OUT OF 5 CORRECT: 100%

A bar chart with four bars. The first three bars are dark blue and have a value of 5. The fourth bar is light blue and has a value of 0. A legend on the right indicates: TOTAL (5) in dark blue, ANSWERED in medium blue, CORRECT in light blue, and INCORRECT in very light blue.

Category	Value
TOTAL	5
ANSWERED	5
CORRECT	5
INCORRECT	0

5 5 5 0

● TOTAL (5)
● ANSWERED
● CORRECT
● INCORRECT

Retake Quiz Review All Question Results Continue to Next Section

Knowledge Check

QUIZ RESULTS

YOU GOT 4 OUT OF 4 CORRECT: 100%

A bar chart with four bars. The first three bars are dark blue and have a value of 4. The fourth bar is light blue and has a value of 0. A legend on the right indicates: dark blue for TOTAL (4), dark blue for ANSWERED, dark blue for CORRECT, and light blue for INCORRECT.

Category	Value
TOTAL (4)	4
ANSWERED	4
CORRECT	4
INCORRECT	0

Knowledge Check

← →

QUIZ RESULTS

YOU GOT 6 OUT OF 6 CORRECT: 100%

A bar chart with four bars representing quiz statistics. The first three bars are dark blue and have a value of 6. The fourth bar is light blue and has a value of 0. A legend on the right identifies the colors: dark blue for 'TOTAL (6)', medium blue for 'ANSWERED', light blue for 'CORRECT', and very light blue for 'INCORRECT'.

Category	Count
TOTAL (6)	6
ANSWERED	6
CORRECT	6
INCORRECT	0

Hide

LESSONS

Building and Installing Your First Kernel

Knowledge Check

Chapter 7 Quiz

08. WRITING YOUR FIRST KERNEL PATCH

Introduction

Writing Your First Kernel Patch

Knowledge Check

09. GETTING YOUR PATCH READY AND SENDING IT

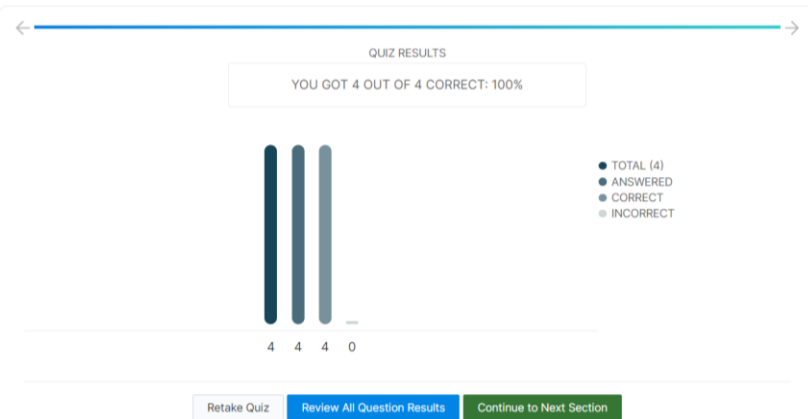
Introduction

RESOURCES

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BUILDING AND INSTALLING YOUR FIRST KERNEL

Knowledge Check



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LESSONS

13. TIPS TO CONTINUE YOUR KERNEL JOURNEY

Introduction

Tips to Continue Your Kernel Journey

Knowledge Check

Chapter 13 Quiz

14. FREQUENTLY ASKED QUESTIONS

FAQs

15. COURSE COMPLETION

Feedback

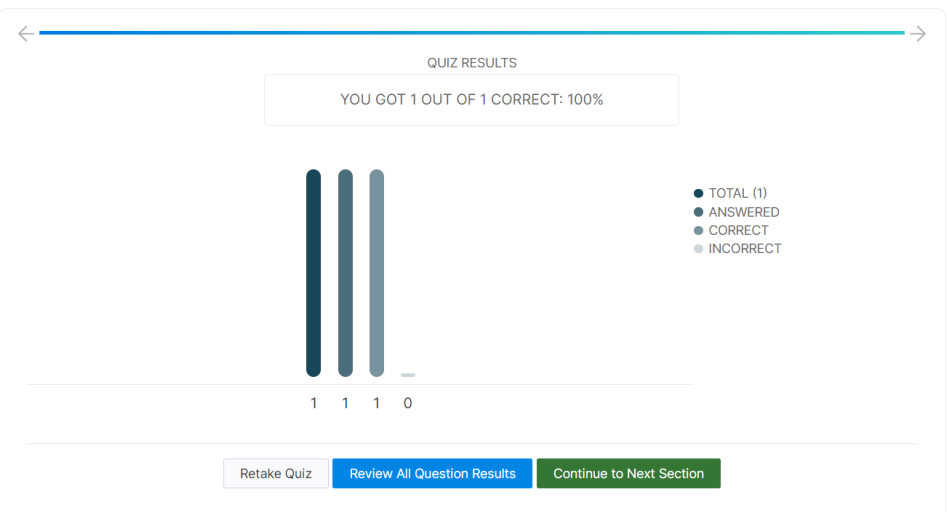
Course Completion

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TIPS TO CONTINUE YOUR KERNEL JOURNEY

Knowledge Check



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LESSONS

Writing Your First Kernel Patch

Knowledge Check

Chapter 8 Quiz

09. GETTING YOUR PATCH READY AND SENDING IT

Introduction

Getting Your Patch Ready and Sending It

Knowledge Check

10. KERNEL AND DRIVER BUILDING, LOADING AND DEPENDENCIES

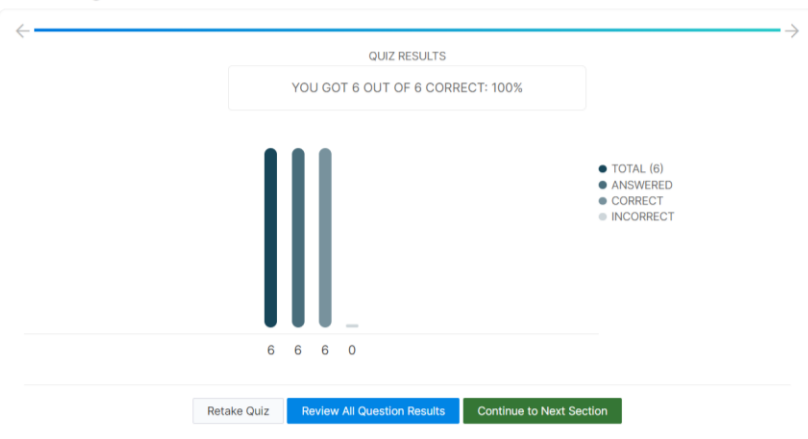
Introduction

RESOURCES

NOTES

WRITING YOUR FIRST KERNEL PATCH

Knowledge Check



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LESSONS

13. TIPS TO CONTINUE YOUR KERNEL JOURNEY

- Introduction
- Tips to Continue Your Kernel Journey
- Knowledge Check

14. FREQUENTLY ASKED QUESTIONS

- FAQs

15. COURSE COMPLETION

- Feedback
- Course Completion
- Final Question

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LESSONS

- Kernel and Driver Building, Loading and Dependencies
- Knowledge Check
- Chapter 10 Quiz

11. ALL ABOUT TESTING

- Introduction
- All About Testing
- Knowledge Check

12. DEBUGGING BASICS

- Introduction
- Kernel Debugging Basics
- Knowledge Check

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LESSONS

- All About Testing
- Knowledge Check
- Chapter 11 Quiz

12. DEBUGGING BASICS

- Introduction
- Kernel Debugging Basics
- Knowledge Check

13. TIPS TO CONTINUE YOUR KERNEL JOURNEY

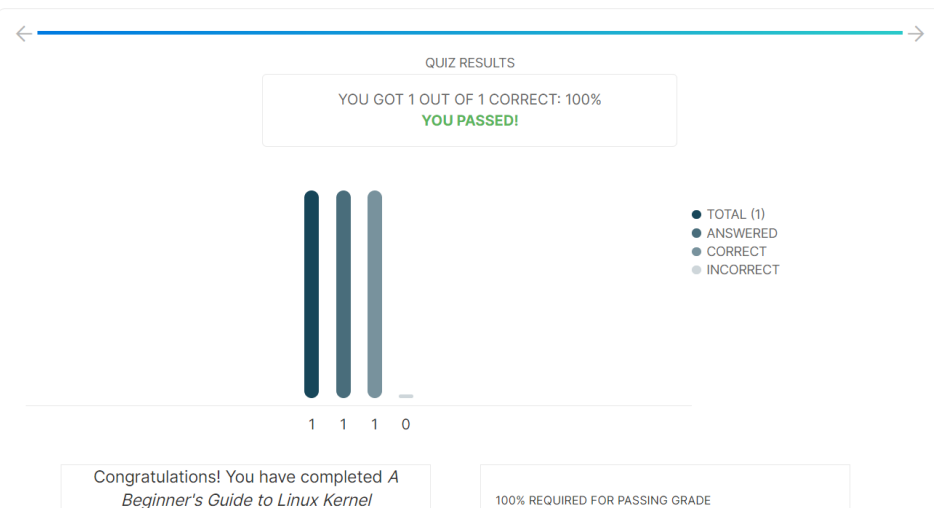
- Introduction
- Tips to Continue Your Kernel Journey

RESOURCES

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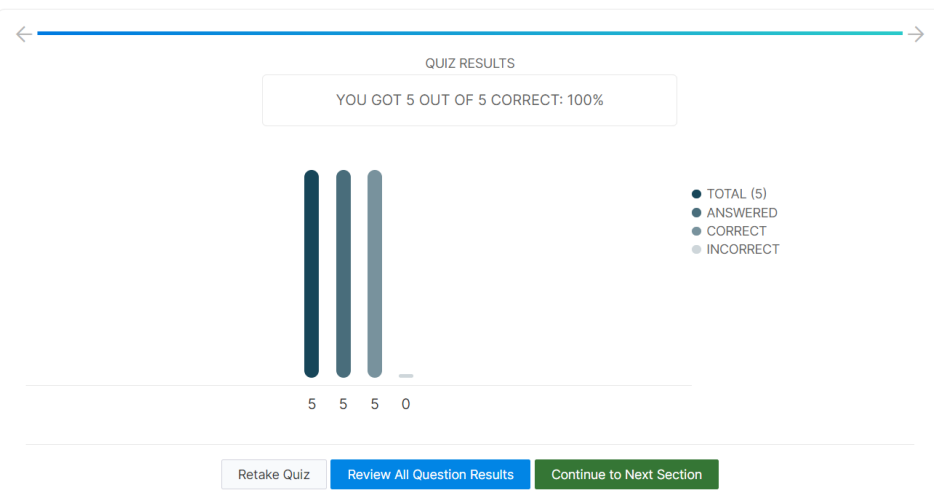
COURSE COMPLETION

Course Completion



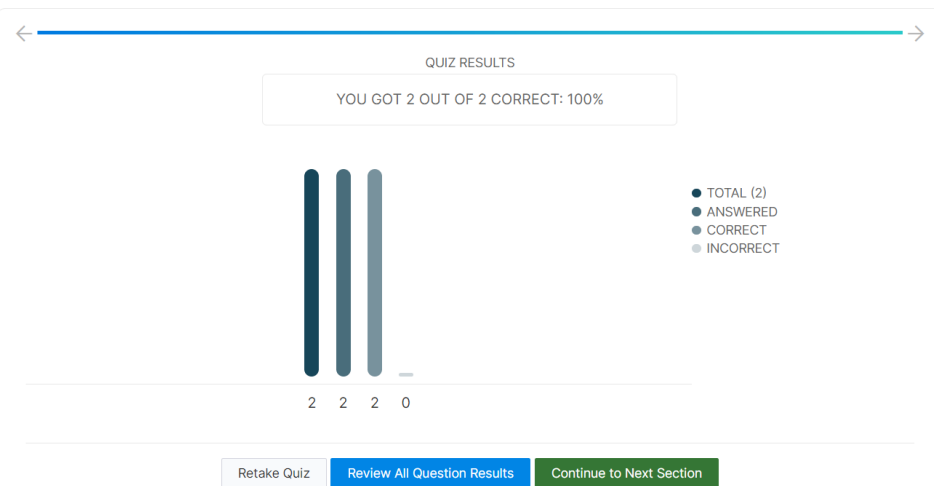
KERNEL AND DRIVER BUILDING, LOADING AND DEPENDENCIES

Knowledge Check



ALL ABOUT TESTING

Knowledge Check



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LESSONS

Kernel Debugging Basics

Knowledge Check

Chapter 12 Quiz

13. TIPS TO CONTINUE YOUR KERNEL JOURNEY

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Tips to Continue Your Kernel Journey

Knowledge Check

14. FREQUENTLY ASKED QUESTIONS

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DEBUGGING BASICS

Knowledge Check

