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Course, Year and Section: BSIT2A

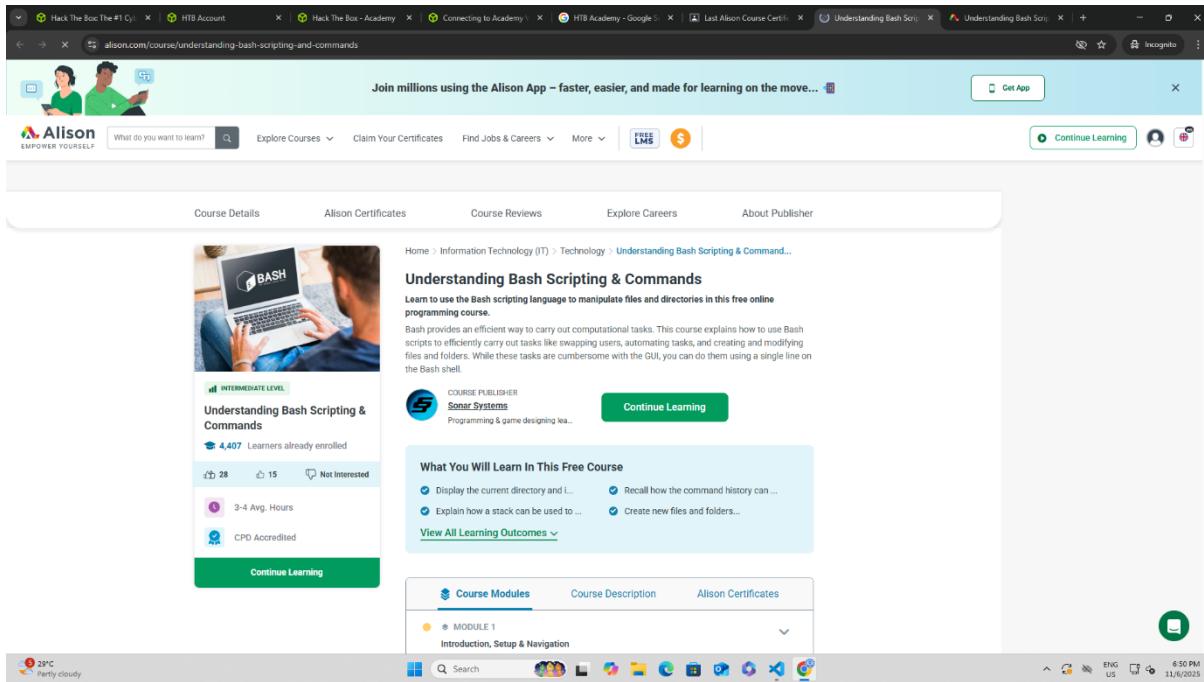
Date Submitted: 11/06/25
Subject: Platform Technologies

Lesson 4 – Assessment 4 (Laboratory Activity):

Alison Course Completion + Understanding Bash Scripting & Commands

Activity Title: Understanding Bash Scripting & Commands

1st Screenshot



The screenshot shows a web browser window with multiple tabs open at the top. The main content area displays the Alison course page for 'Understanding Bash Scripting & Commands'. The page includes a hero image of a person using a laptop, course details like 'INTERMEDIATE LEVEL', '4,407 Learners already enrolled', and a 'Continue Learning' button. Below this, there's a section titled 'What You Will Learn In This Free Course' with several bullet points. At the bottom, there's a table with columns for 'Course Modules', 'Course Description', and 'Alison Certificates', showing one module listed: 'MODULE 1 Introduction, Setup & Navigation'. The browser interface at the bottom shows various icons and a date/time stamp of '11/6/2025 6:50 PM'.

2nd Screenshot

The screenshot shows a web browser window with multiple tabs open. The main content area displays a video player titled "Displaying the Current Directory" from a course on "INTRODUCTION, SETUP & NAVIGATION". The video player has a play button and a progress bar. To the right of the video player is a sidebar for a user named "Shanne Erando" with 1740 XP. The sidebar includes links for "Claim Your Certificates", "Your Dashboard", "Your Achievements", "Recommended For You", "Career Ready Plan", "Create Resume", "Change Language", "Account Settings", "FAQs", and "Logout". The browser's address bar shows the URL: alison.com/topic/learn/133195/setting-up-and-navigation. The taskbar at the bottom shows various pinned icons.

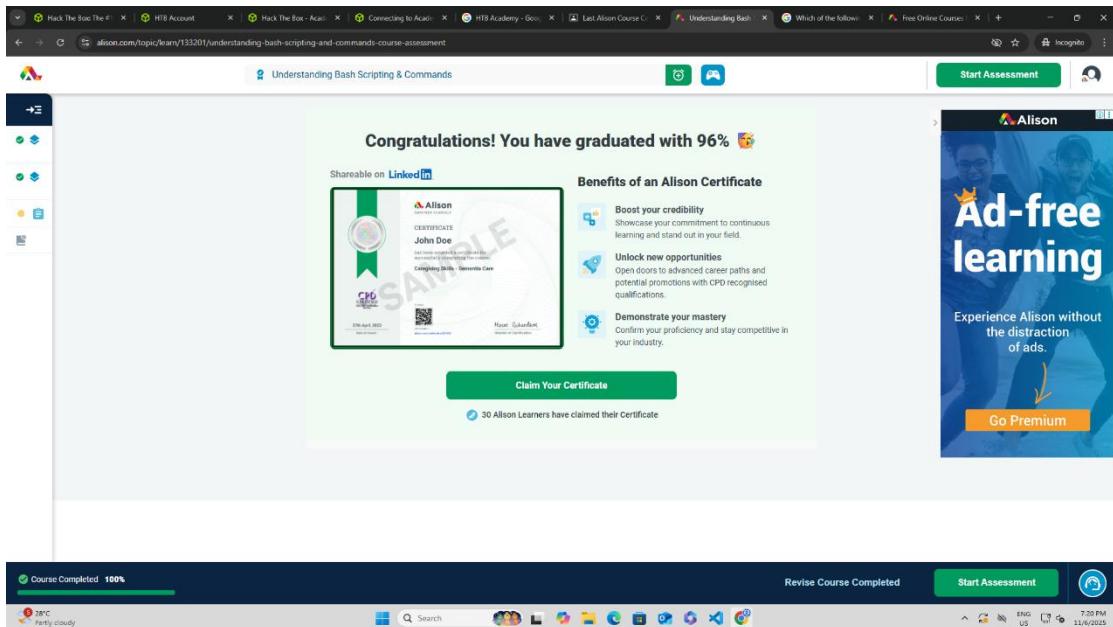
3rd Screenshot

The screenshot shows a web browser window with multiple tabs open. The main content area displays a "Final Course Assessment" question titled "Which of the following lines would display decimals?". It asks to click on the correct area of an image. Below the question is a code block:

```
10 echo $result
11 echo $num1/7 | bc -l
12 echo ${$num1/7} | bc -l
```

A "Correct" button with a checkmark is visible. To the right of the assessment is a sidebar advertisement for "monday sidekick" with the text "plans, writes and optimizes for you". The sidebar also features a "Start free trial" button and a "Creative campaign tracker" section with a small image of a person. The browser's address bar shows the URL: alison.com/topic/learn/133201/understanding-bash-scripting-and-commands-course-assessment. The taskbar at the bottom shows various pinned icons.

4th Screenshot



Reflection on “Understanding Bash Scripting & Commands”

The *Understanding Bash Scripting & Commands* module provided me with a solid foundation in using the Bash shell to perform and automate various computational tasks. Before this course, I often relied heavily on graphical user interfaces (GUIs) to manage files and directories. However, I have come to appreciate how Bash scripting offers a far more efficient, flexible, and powerful way to interact with the system. I learned how simple commands can accomplish complex tasks, such as creating, modifying, and organizing files or directories, often with just a single line of code.

One of the most valuable lessons from this module was understanding how Bash scripts can automate repetitive tasks. By writing and executing shell scripts, I realized that I could save significant time and reduce human error in routine processes like backups, updates, and permission changes. Additionally, learning to switch between users and manage access through the terminal deepened my understanding of system administration and security.

This module also improved my logical thinking and problem-solving skills. Writing Bash scripts requires careful attention to syntax, sequence, and flow control structures such as loops and conditional statements. I enjoyed experimenting with different command combinations and seeing how they interact within a script.

Overall, the course has enhanced my confidence in using the command line and inspired me to incorporate Bash scripting into my daily computing tasks. It emphasized the importance of automation and efficiency—key principles in programming and system management.