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Lab Evaluation – 01

Q1. Basic Linux commands

Perform the following using terminal commands only.

1. Create a directory lab_eval, move into it, and create three empty files a.txt, b.txt and c.txt.
2. Write the text Hello Linux into a.txt using echo, copy it to d.txt, and display the contents of d.txt.
3. List all files with details (permissions, size, date), delete b.txt, and display the current working directory path.

Q2. Script: names and arrays

Write a script lab1.sh that asks the user to enter three names on one line using read -a, prints each name on a separate line as Name 1: abc, and prints the total number of names entered.

Sample output:

Enter three names: Ali Sara Rahim
Name 1: Ali
Name 2: Sara
Name 3: Rahim
Total names: 3

Q3. Script: arithmetic

Write a script lab2.sh that reads two integers and prints their sum, difference, product, quotient and remainder.

Sample output:

Enter two numbers: 17 5
Sum = 22
Difference = 12
Product = 85
Quotient = 3
Remainder = 2