**Operating System Lab**

**Fall 2024**

**Lab 11 Task**

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**BSCS-5**

**Lab Instructor:**

**Kausar Nasreen Khattak**

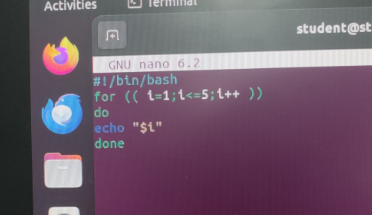
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**Lab Task**

**Note:** Include screenshots, where required to illustrate your explanation.

**Q1.** How do you create a basic for loop in a shell script to iterate over a list of numbers from 1 to 5?



A computer screen with text

Description automatically generated

**Q2.** What is the syntax for a while loop that counts from 1 to 10 and prints each number?

A computer screen shot of a program

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A screenshot of a computer

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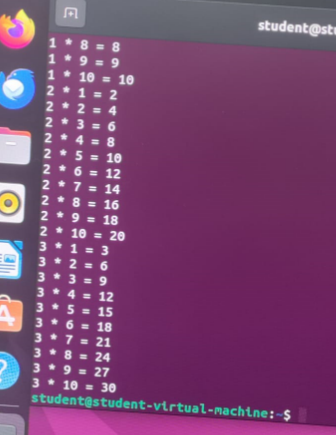
**Q3.** How would you write a nested loop in shell scripting to print a multiplication table from 1 to 3?

A computer screen with text

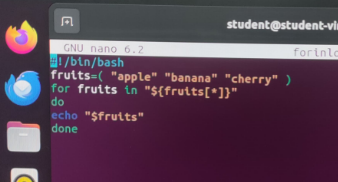
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**Q4:** Write a for-in loop that iterates over the items in an array named fruits containing apple, banana, and cherry.



A computer screen shot of a program

Description automatically generated

**Q5:** Write a while loop that reads user input until the user types "exit".

A computer screen shot of a program

Description automatically generated

A screenshot of a computer screen

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