

## Week – 3

### Exercise 8

Write a shell script to determine whether a given number is a prime number or not.

- a) Interactively.
- b) By command line arguments.

### Exercise 9

Write a shell script to print all the primes below a given number is a prime number.

- a) Interactively.
- b) By command line arguments.

### Exercise 10

Write a shell script to print the first n Fibonacci numbers.

- a) Interactively.
- b) Using Command line arguments.

### Exercise 11

Write a shell script to find the gcd of two given numbers.

- a) Interactively.
- b) By command line arguments.

### Exercise 12

Write a shell script to reverse the rows and columns of a matrix.

- a) Interactively.
- b) By command line arguments.

### Exercise 13

Write a shell script to find the scalar product of two vectors.

- a) Interactively.

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- b) By command line arguments