

## TCL Lab1

✓ 1-Write code to perform several operations such as addition, subtraction, multiplication, division, exponentiation, remainder, shift left, and shift right.

Additionally, check if these operations can handle floating-point operands.

✓ 2-Use conditional operators and IF...ELSE conditions to compare two randomly generated values.

✓ 3-Utilize the SWITCH and IF...ELSEIF statements for handling multiple cases, such as evaluating employee performance (Excellent, Very Good, Good, Up Normal, Normal, Bad) during annual evaluations.

✓ 4-By utilizing a FOR loop, calculate and display the square root, square, and Cubic(^3) values for the numbers 16, 25, 36, and 49. The output should be formatted as shown:

```
#####
Sqrt  Value Square    Cubic
#####
```

✓ 5- Use a WHILE loop to display multiples of 7 (7, 14, 21, ...) while skipping the fourth multiple, and breaking out of the loop when the tenth multiple is reached.

6- Iterate over a List of numbers and display the square of each number within the range of 0 to 10, using the FOREACH loop.