

LAB ASSIGNMENT-1**Course Outcomes:**

*CSH405B.1: **Define** software testing and **infer** mastery of the testing techniques.*

*CSH405B.2: **Identify** the fundamental characteristics of good test case design and **apply** contemporary testing principles and techniques.*

Bloom's Taxonomy: BT1, BT2, BT3

Question 1: Design Test Case Report as per the given format for the following programs written using structured approach in LAB ASSIGNMENT-1.

Format of Test Case Report:

Test Case Id	Input Variable 1	Input Variable 2	Input Variable 3	Expected Output	Actual Output	Test Result (Pass/Fail)
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- a. Program to find binary value of a number.
- b. Program to find sum $1/1! + 1/2! + 1/3! + \dots$
- c. Program to accept a positive integer. Then add up all the digits and print out the sum. For example given 12345, the sum is $1+2+3+4+5$.
- d. Program to accept a 5 digit positive integer. Print out the inverse of that number. For example given 12345, print out 54321.
- e. Program To generate pattern

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1
121
12321
1234321
123454321

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