Sukkur-IBA University Kandhkot
Department of Computer Science
<u>Fundamentals of Programming</u>

<u>LAB No. 12</u>

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Objective of Lab No. 12:
After performing lab12, students will be able to:
- o Conditional operators

1. Write a C++ program to find maximum between two numbers using conditional operator.
2. Write a C++ program to find maximum between three numbers using conditional operator.
3. Write a C++ program to check whether a number is even or odd using conditional operator.
4. Write a C++ program to check whether year is leap year or not using conditional operator.
5. Write a C++ program to check whether character is an alphabet or not using conditional operator.
6. Take any three elements and initialize them and also declare fourth one to perform all logical operations on the three. Use fourth where required. (Logical operators are &&, ||, and !)

<u>Think About The following</u>

7. Is the following statement valid:
$$int\ x = 34.7;$$

8. Is the following statement valid:
$$double\ y = 12;$$

9. Is the following statement valid:
$$boolean\ q = 17 < 25;$$

10. Evaluate the following expression:
$$9 - 15 * 6 / 11 + 4$$

11. Evaluate the following Java expression:
$$75 \% 7$$

12. What are the three logical operators?

13. What would the following boolean expression evaluate to?

    ((3<5) && !(1>14) && (-5<-15)) || ((6==6) && !(2==2))

<u>Best of luck</u> ☺