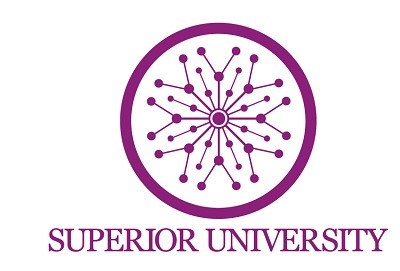
**Lab Tasks**



Submitted to

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SU92-BSSEM-S24-091

Subject:

DSA (Lab)

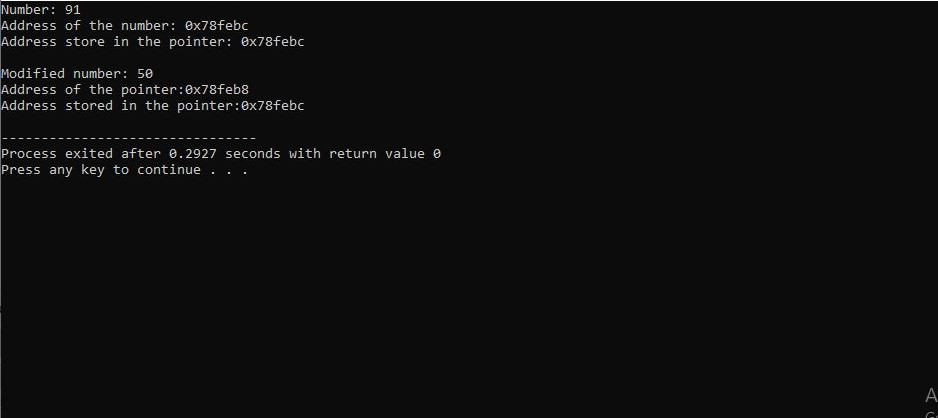
Class:

BS – Software Engineering

**Lab # 01**

# **Pointers**

This lab shows how pointers work in C++. It begins by declaring an integer variable and assigning its address to a pointer. The program first prints the variable’s value and its memory address. Then, using the pointer, the variable’s value is modified, demonstrating how pointers enable indirect data manipulation. After the modification, the program displays the updated values and memory addresses, reinforcing the concept of pointer-based memory access and how changes through pointers directly affect the original variable. This experiment highlights the importance of pointers in managing memory efficiently in C++.

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