# SUBMITTED TO: Ms. Neha Ma'am

# NAME: SANJHI JAIN

**Course: B. Sc. (H) Computer Science, III Year, VI Semester**

**COLLEGE ROLL NO: CSC/21/19**

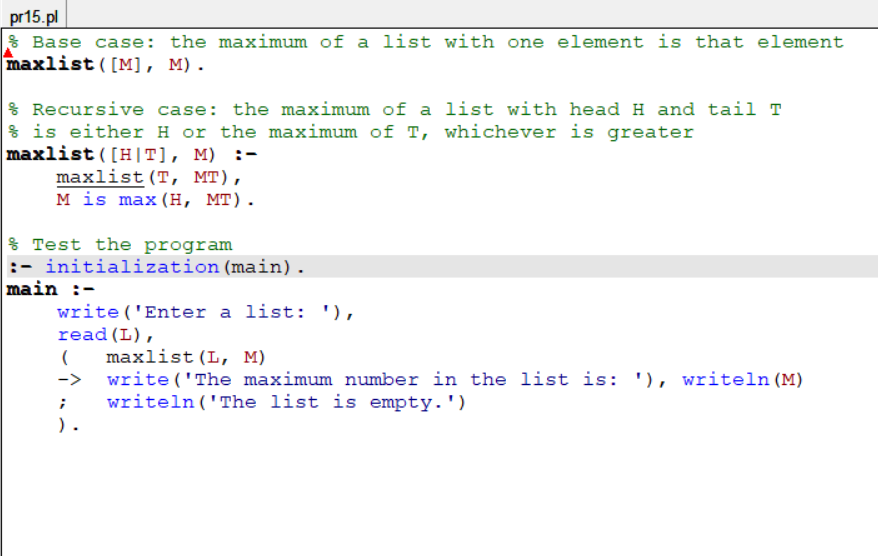
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**PRACTICAL FILE for Core Paper XIII: Artificial Intelligence**

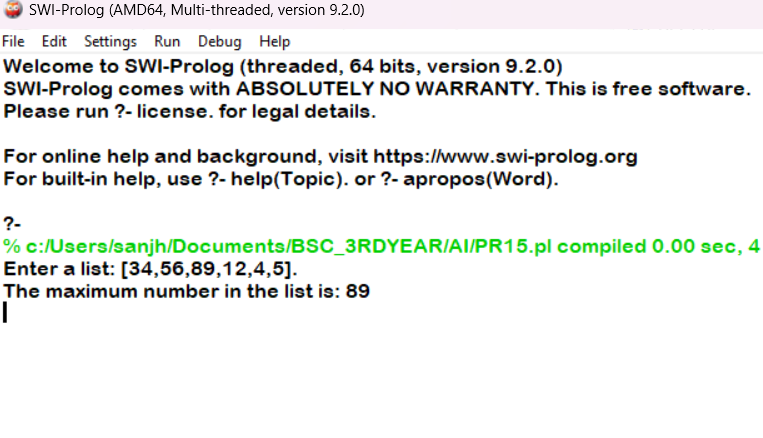
**PRACTICAL 15**

**15. Write a Prolog program to implement maxlist(L, M) so that M is the maximum number in the list.**

**PROLOG EDITOR CODE**

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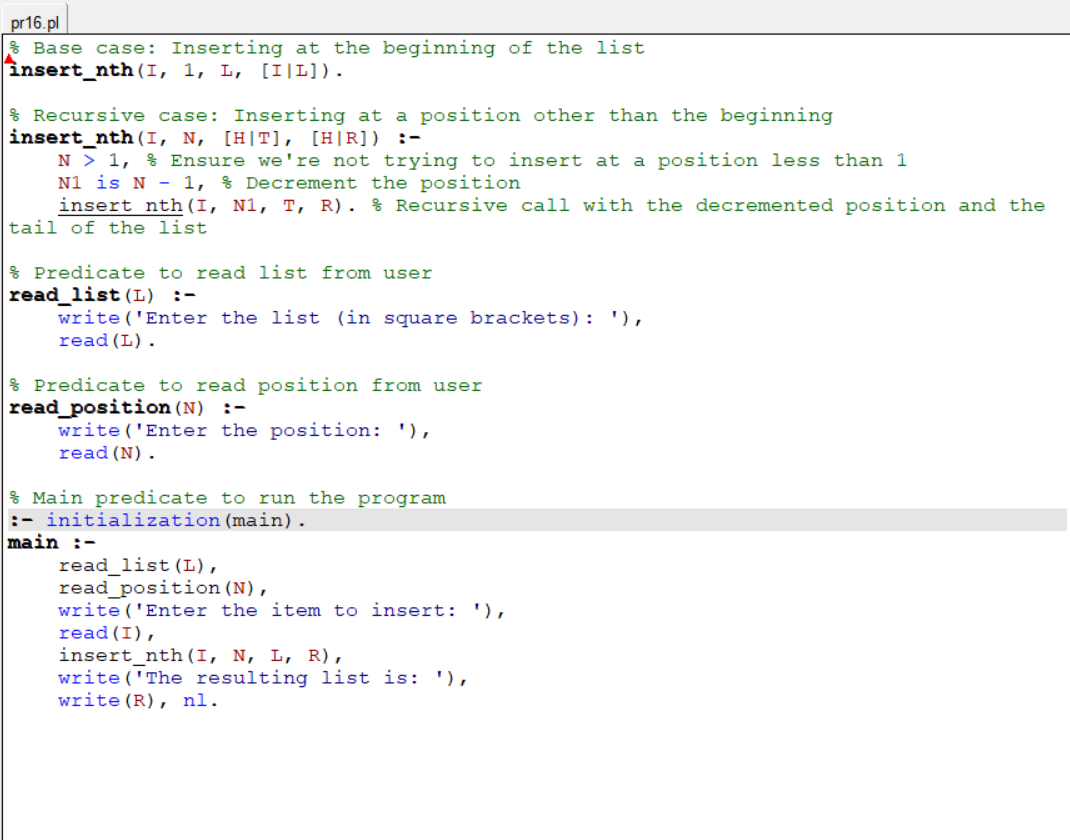
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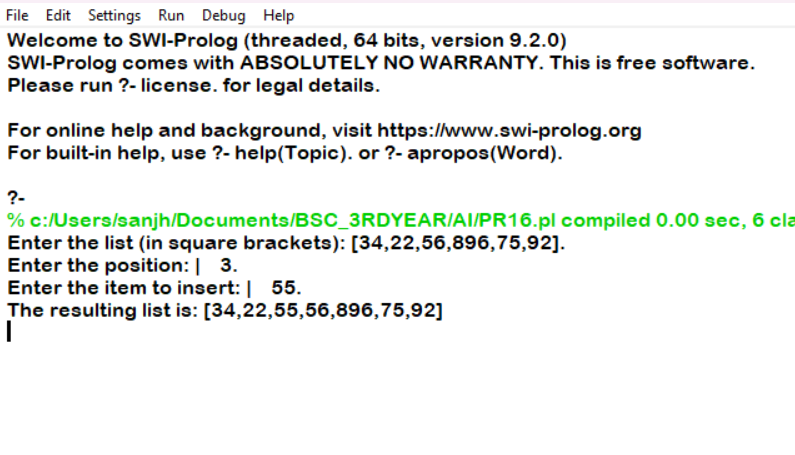
**PRACTICAL 16**

**16. Write a prolog program to implement insert\_nth (I, N, L, R) that inserts an item I into Nth position of list L to generate a list R.**

**PROLOG EDITOR CODE**

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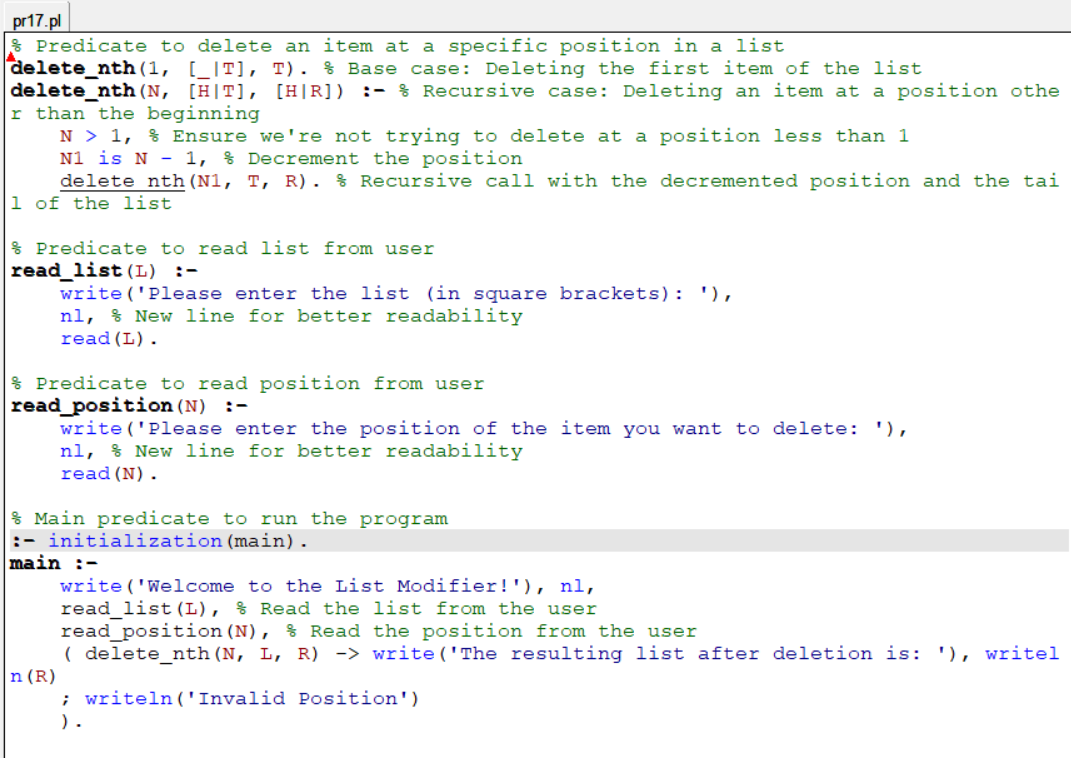
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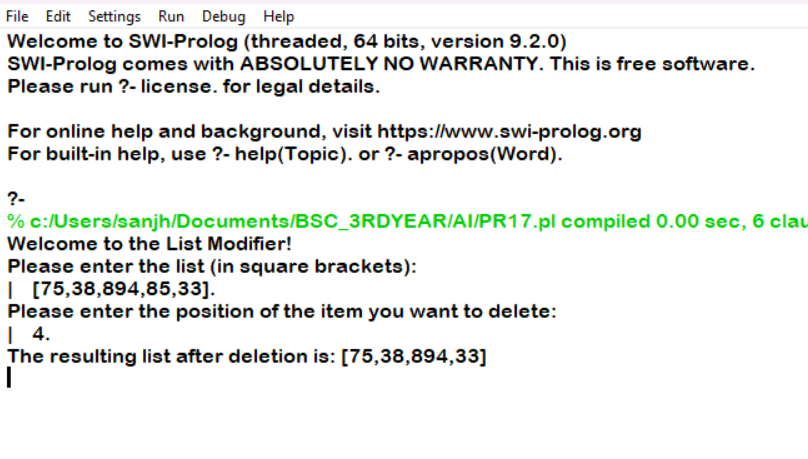
**PRACTICAL 17**

**17. Write a Prolog program to implement delete\_nth (N, L, R) that removes the element on Nth position from a list L to generate a list R.**

**PROLOG EDITOR CODE**

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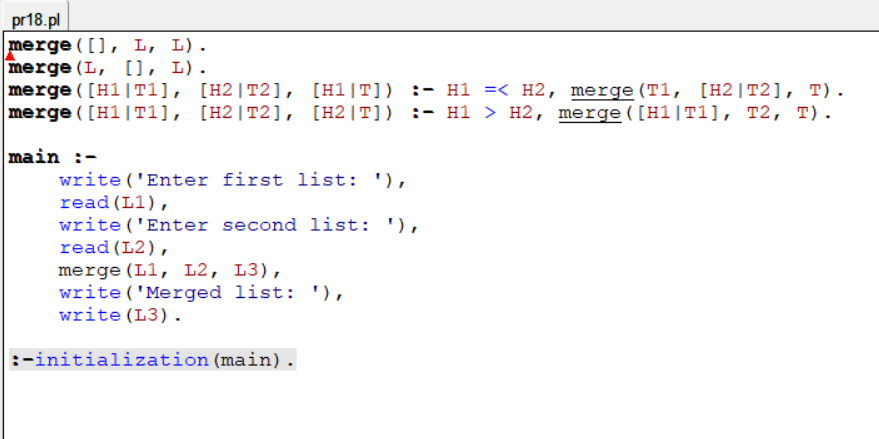
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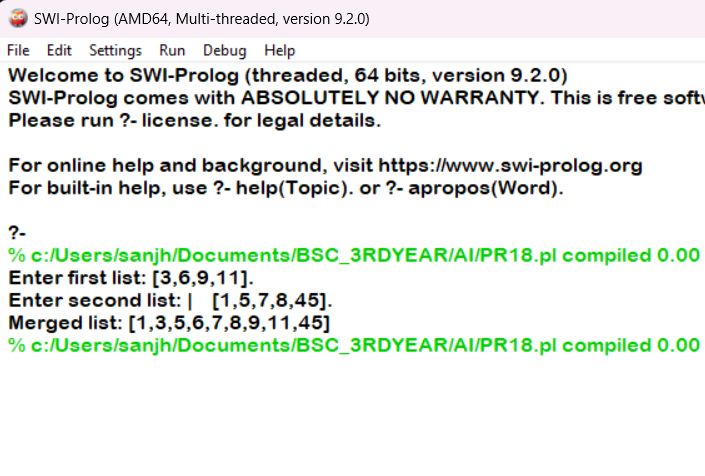
**PRACTICAL 18**

**18. Write a program in PROLOG to implement merge (L1, L2, L3) where L1 is first ordered list and L2 is second ordered list and L3 represents the merged list.**

**PROLOG EDITOR CODE**

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**PROLOG COMPILER CODE**

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