SISTER NIVEDITA UNIVERSITY

ARTIFICIAL INTELLIGENCE LAB ASSIGNMENT

SUBMITTED BY: PIYUSH CHANDRA CHANDRA

DEPT- BTECH (CSE), ROLL- 1027

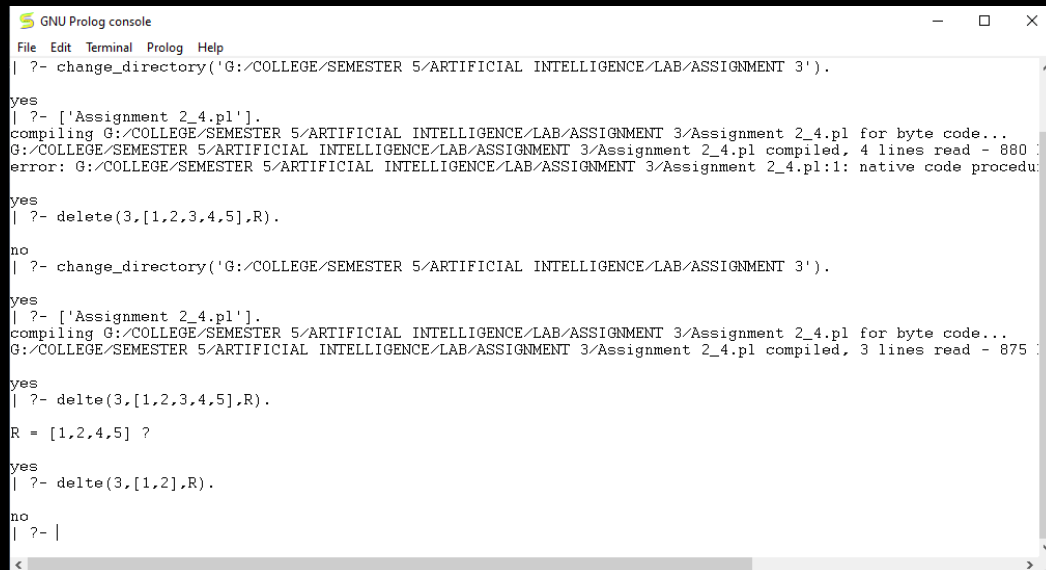**SUBMITTED TO: MOM BANERJEE**

ASSIGNMENT 3

23/11/2020 – 24/11/2020

1. **Write a prolog predicate remove_third(X,Y) that is true if list Y is just list X with its third element removed. If X has no third element , then the predicate should fail .**

➤ delte(1,[_|T],T).

   delte(P,[X|Y],[X|R]):-

    P1 is P-1,

    delte(P1,Y,R).