



BRAINWARE UNIVERSITY

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Stream : BCA

Section: A

Semester: 6th

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Subject : Artificial Intelligence Lab

Subject code:BCA691

Assignment : week 7

Prolog problems:-

1.)Write a prolog(swi) program ,remove the nth that asserts the after list is before list with the removal of every nth item from every list at all levels

Code)

```
delete(1,[_|T],T).
```

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

```
    P1 is P-1,
```

```
    delete(P1,Y,R).
```

OUTPUT:

```
?- ['deletinlist.pl'].
```

```
true.
```

```
?- delete(1,[3,4,5,6],R).
```

```
R = [4, 5, 6]
```