

# Artificial Intelligence

## Assignment 11

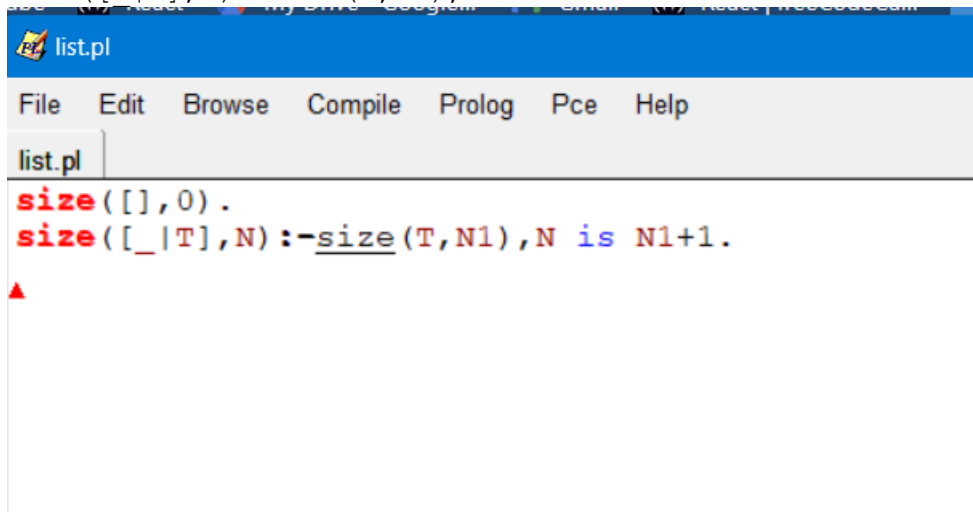
Meet Mehta

20BCP126

Div2 G4

### .pl File:

```
size([],0).  
size([_|T],N):-size(T,N1),N is N1+1.
```



### Input

1.?- size([1,2,3,4,5,6,7],N).

2. ?- size([1,2,3,4],N).

### Output:

```
% e:/Study/Sem-6/AI/list.pl compiled 0.00 sec, 2 clauses  
?- size([1,2,3,4],N).  
N = 4.  
  
?- size([1,2,3,4,5,6,7],N).  
N = 7.  
  
?- ■
```