

Artificial Intelligence

Practical-5: Write a PROLOG for Username and password Login Credential.

➤ Code in Prolog:

```
logon :- getinput,  
        write('You are logged in. '),nl.  
  
logon :- repeat,  
        write('Sorry, you are not permitted. '),nl,  
        write('Try again. '),nl,  
        getinput,  
        write('You are now logged in. ').  
  
getinput :- write('Login Windows '),nl,  
           write('Enter your username : '),  
           read(Name),nl,  
           write('Enter Password : '),  
           read(Password),nl,  
           user(Name, Password).  
  
user(arjun,0103).
```

Output:

```
SWI-Prolog -- c:/Users/Arjun Vankani/Desktop/CE SEM 7/ASS/AI/Lab5/user.pl
File Edit Settings Run Debug Help
Welcome to SWI-Prolog (threaded, 64 bits, version 8.2.4)
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software.
Please run ?- license. for legal details.

For online help and background, visit https://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).

?-
% c:/Users/Arjun Vankani/Desktop/CE SEM 7/ASS/AI/Lab5/user.pl compiled 0.00 sec, 0 clauses
?- login.
Login Windows
Enter your username : arjun.

Enter Password : |: 0102.

Sorry, you are not permitted.
Try again.
Login Windows
Enter your username : |: arjunvankani.

Enter Password : |: 0102.

Sorry, you are not permitted.
Try again.
Login Windows
Enter your username : |: arjun.

Enter Password : |: 0103.

You are now logged in.
true.

?-
```