



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 10

Prolog problems:-

1.) Write a prolog(swi) program to implement max(X,Y,Max) so that Max is the greater of two numbers X and Y.

Code)

max(X,Y,Z,Max) :-

X > Y,!,

Max is X.

max(X,Y,Z,Max) :-

Y > Z,!,

Max is Y.

max(X,Y,Z,Max) :-

Max is Z.

OUTPUT:

?- ['assignment10p.pl'].

true.

?- max(5,10,15,M).

M = 15.