

CSE140 - Introduction to Intelligent Systems

Lab assignment 1

Due date: 25-Jul-2021 11:59PM

1. Write a Prolog program to predict / advise Career plan for Graduating Students of IIITD. It can either predict a student's career OR advise a student on what career to take.
2. You are free to make your own rules and assert your own facts. For example, you can consider Subjects, Marks, Grades, Extra-curricular activities, Interest areas, Aptitude, Opportunities, Projects done, BTP, Extra credits, Extra courses done etc. (you are free to choose what you want and name it the way you want or even create new parameters).
3. It will be good if you can use Prolog features such as Lists, Input/ Output, Recursion etc.
4. Make your own prediction / advisory system. Make it as good as you can as this is your first "AI" program (and you can be proud of it).
5. You are free to make the program as interesting and as complex as you want – or you can keep it of moderate complexity (don't make it very simple as that will not demonstrate your Prolog understanding and skills; and also it really won't have any reasoning so will not be a good "AI" program).
6. Prolog program should work as marks will be based on the working demo of the program and your explanation of the program.