Introduction to Al Assignment Project Exam Help -Tutorial NAF for NMRhttps://tutorcs.com

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SLDNF

Apply SLDNF to compute all possible answers for p(X) given S:

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p(X) \leftarrow q(X), not r(X), not s(X) ignment Project Exam Help
q(1) \leftarrow
                                        https://tutorcs.com
q(2) \leftarrow
q(3) \leftarrow
                                        WeChat: cstutorcs
r(2) \leftarrow
r(X) \leftarrow not t(X)
s(X) \leftarrow u(X)
t(1) \leftarrow
t(3) \leftarrow t(3)
```

SLDNF and safe selection of sub-goals

Given $S=\{p(X) \leftarrow q(X,Y), \text{ not } r(Y), q(2,3) \leftarrow, r(4) \leftarrow\}$ and P=p(X)Assignment Project Exam Help

- 1. Apply SLDNF with psyafe selection of sub-goals to compute an answer for P, giving the answer explicitly wechat: estutores
- 2. Explain why a non-safe selection of sub-goals might give an incorrect answer to P

NAF semantics

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S={ p(X) \leftarrow q(X), not r(X), not s(X), q(1) \leftarrow, q(2) \leftarrow, q(3) \leftarrow, r(2) \leftarrow, r(X) \leftarrow not t(X), s(X) \leftarrow u(X), t(1), t(3) \leftarrow t(3)}

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```

- 1) What is the completion of t
- 2) Determine whether $\begin{align*}{c} WeChat: cstutorcs \\ Comp(S) &= p(1), Comp(S) &= \neg p(1) \\ Comp(S) &= p(2), Comp(S) &= \neg p(2) \\ Comp(S) &= p(3), Comp(S) &= \neg p(3) \\ \end{align*}$
- 3) Determine all stable models of S