

**Koushik Sahu****Artificial Intelligence Lab – 5****29<sup>th</sup> September 2021, Wednesday****Program:**

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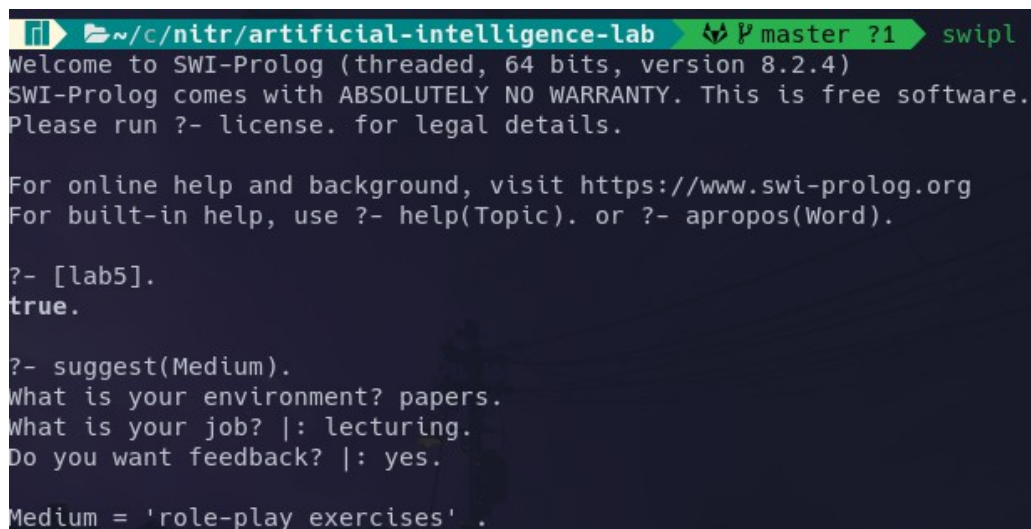
stimulus_situation(verbal, E) :- E = (papers) ; E = (manuals) ; E = (documents) ; E = (textbooks).
stimulus_situation(visual, E) :- E = (pictures) ; E = (illustrations) ; E = (photographs) ; E = (diagrams).
stimulus_situation('physical object', E) :- E = (machines) ; E = (buildings) ; E = (tools).
stimulus_situation(symbolic, E) :- E = (numbers) ; E = (formulas) ; E = ('computer programs').
stimulus_response(oral, J) :- J = (lecturing) ; J = (counselling) ; J = (advising).
stimulus_response('hands-on', J) :- J = (building) ; J = (repairing) ; J = (troubleshooting).
stimulus_response(documented, J) :- J = (writing) ; J = (typing) ; J = (drawing).
stimulus_response(analytical, J) :- J = (evaluating) ; J = (reasoning) ; J = (investigating).
medium(workshop, S, R, F) :- S = ('physical object'), R = ('hands-on'), F = (yes).
medium('lecture-tutorial', S, R, F) :- S = (symbolic), R = (analytical), F = (yes).
medium(videocassette, S, R, F) :- S = (visual), R = (documented), F = (no).
medium('lecture-tutorial', S, R, F) :- S = (visual), R = (oral), F = (yes).
medium('lecture-tutorial', S, R, F) :- S = (verbal), R = (analytical), F = (yes).
medium('role-play exercises', S, R, F) :- S = (verbal), R = (oral), F = (yes).

suggest(M) :- write('What is your environment? '), read(Environment),
stimulus_situation(S, Environment), write('What is your job? '), read(Job), stimulus_response(R, Job),
write('Do you want feedback? '), read(F), medium(M, S, R, F).

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**Input:**

papers.  
lecturing.  
yes.

**Output:**


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~/.c/nitr/artificial-intelligence-lab master ?1 swipl
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).

?- [lab5].
true.

?- suggest(Medium).
What is your environment? papers.
What is your job? |: lecturing.
Do you want feedback? |: yes.

Medium = 'role-play exercises' .

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