

HelloWorld.pl

43jt2a53u

AI

NEW

PROLOG

RUN

```
1
2 likes(mary, food).
3 likes(mary, wine).
4 likes(john, wine).
5 likes(john, mary).
6 likes(john, X) :- likes(mary, X).
7 likes(john, X) :- likes(X, wine).
8 likes(john, X) :- likes(X, X).
9 :- initialization(main).
10
11 main :-
12     (likes(mary, food) -> write('Mary likes food'), nl ; write('Mary does not like food'), nl),
13     (likes(john, wine) -> write('John likes wine'), nl ; write('John does not like wine'), nl),
14     (likes(john, food) -> write('John likes food'), nl ; write('John does not like food'), nl),
15     halt.
16
```

STDIN

Input for the program (Optional)

Output:

```
Mary likes food
John likes wine
John likes food
```

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⋮



```

1 likes(mary, food).
2 likes(mary, wine).
3 likes(john, wine).
4 likes(john, mary).
5 :- initialization(main).
6
7 main :-
8     (likes(mary, food) -> write('yes'), nl ; write('no'), nl),
9     (likes(john, wine) -> write('yes'), nl ; write('no'), nl),
10    (likes(john, food) -> write('yes'), nl ; write('no'), nl),
11
12    halt.
13

```

STDIN

 Input for the program (Optional)

Output:

```

yes
yes
no

```

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⋮

```

1
2 likes(mary, food).
3 likes(mary, wine).
4 likes(john, wine).
5 likes(john, mary).
6 likes(john, X) :- likes(mary, X).
7 likes(john, X) :- likes(X, wine).
8 likes(john, X) :- likes(X, X).
9 :- initialization(main).
10
11 main :-
12     (likes(mary, food) -> write('yes'), nl ; write('no'), nl),
13     (likes(john, wine) -> write('yes'), nl ; write('no'), nl),
14     (likes(john, food) -> write('yes'), nl ; write('no'), nl),
15
16     halt.
17

```

STDIN

Output:

```

yes
yes
yes

```