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一、源代码：

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implement main

open core

constants

className = "main".

classVersion = "".

clauses

classInfo(className, classVersion).

class predicates

acid:(symbol)nondeterm anyflow.

clauses

acid("br").

acid("i").

class predicates

alkali:(symbol)nondeterm anyflow.

clauses

alkali("nh").

alkali("turnwhite").

class predicates

oil:(symbol)nondeterm anyflow.

clauses

oil("petrol").

oil("turpentine").

class predicates

other:(symbol)nondeterm anyflow.

clauses

other("").

class predicates

patient\_mad:(symbol)nondeterm anyflow.

clauses

patient\_mad("mad").

class predicates

patient\_conscious:(symbol)nondeterm anyflow.

clauses

patient\_conscious("conscious").

class predicates

emergent\_method:(symbol, symbol, symbol)nondeterm anyflow.

clauses

emergent\_method(Patient,Drug,"drink"):-patient\_conscious(Patient),acid(Drug).

emergent\_method(Patient,Drug,"drink"):-patient\_conscious(Patient),alkali(Drug).

emergent\_method(Patient,Drug,"drink"):-patient\_conscious(Patient),other(Drug).

emergent\_method(Patient,Drug,"vomit"):-patient\_conscious(Patient),other(Drug).

emergent\_method(Patient,Drug,"can't vomit"):-patient\_conscious(Patient),acid(Drug).

emergent\_method(Patient,Drug,"can't vomit"):-patient\_conscious(Patient),alkali(Drug).

emergent\_method(Patient,Drug,"can't vomit"):-patient\_conscious(Patient),oil(Drug).

emergent\_method(Patient,Drug,"can't drink"):-patient\_mad(Patient),acid(Drug).

emergent\_method(Patient,Drug,"can't vomit"):-patient\_mad(Patient),acid(Drug).

clauses

run():-

console::init(),

emergent\_method("conscious","br",What),

stdIO::write("What=",What),

stdIO::write("\n"),fail.

run():-

stdIO::write("\n").

end implement main

goal

mainExe::run(main::run).

二、输出结果

