Write one or more rules that will generate all the permutations of a base fact und print them out. For example, the fact: 7.16

(base-fact red green blue) should generate the output:

(example 11 22 33 44)

會讓以下的規則 (defrule hint

> Please input a base fact for the permutation ... red green blue Permutation is (blue green red) Permutation is (red green blue) Permutation is (green blue red) Permutation is (blue red green) Permutation is (red blue green) Permutation is (green red blue) The total number is 6

排列組合 作業#3:

執行4次,產生4個事實

assert (data ?x)))

(example \$? ?x \$?)

(deftemplate permutation (multislot values) (multislot rest))

(data 44)

(data 22) (data 33)

(data 11)

(deffacts initial (total 0))

:;-10000~10000, default is 0 (declare (salience 100)) (defrule read-base-fact

(printout t "Please input a base fact for the permutation ...") (bind ?input (explode\$ (readline)))

(assert (permutation (values) (rest ?input))))

<Hint:>

(declare (salience n)) 設定此規則的

優先權為n,未設定者優先權為0

(explode\$?str) 可以將一個字串轉 成為multifield欄位的值

(readline) 可以從鍵盤輸入一行字串

(bind ?x ?y) 將?y的值設定給?x變數