**※HW2**

**step1\_create\_ubike0.prg**

close all

create table ubike0(content memo)

use ubike0

display structure

return

**store0.prg**

close all

\*11-24-25,10-24-2014.txt

use hw2/ubike0

f1=fopen("hw2/11-24-25,10-24-2014.txt")

if(f1=-1)

?"cant open"

elif(f1=2)

?"haha"

else

?"good open"

endif

i=0

id=1

str1=""

fgets(f1,26)&&去除第一個大括號

do while not feof(f1)

str1=str1+alltrim(fgets(f1,65536))

p1=at("},{",str1)

do while p1>0

ddd=left(str1,p1-1)

str1=right(str1,len(str1)-p1-2)

?"id=",id,"name=",chr(9),ddd

append blank

replace content with ddd

?"-----------------------"

id=id+1

p1=at("},{",str1)

enddo

enddo

&&最後一筆

str1=left(str1,len(str1)-3)

?"id=",id,"name=",chr(9),str1

append blank

replace content with str1

?"-----------------------"

?"@@@@@@",id

browse

return

**※HW3**

**step2\_create\_ubike1.prg**

close all

create table ubike1(iid int,sv c(2),sd c(14),vtyp int,sna c(30),tot int,sbi int,sarear c(12),mday c(14),lng c(20),ar c(60),sareaen c(18),snaen c(45),aren c(96),nbcnt int,bemp int,act int)

use ubike1

display structure

return

**store1.prg**

close all

set exact on

select 1

use hw2/ubike1

select 2

use hw2/ubike0

i=1

\*ubike0str=""

do while not eof()

\*?content

select 2

ubified=content

atpoint=at('","',content)

select 1

append blank

\*//////////////////////////(",")分割每一筆資料

do while atpoint>0

atpoint=atpoint+1

part1=left(ubified,atpoint-1)

\*/////////////////////////////\*":"分開欄位名稱和資料

atpoint\_m=at(":",part1)

\*nowcase=part1

columnname=substr(part1,2,atpoint\_m-3)

columndata=substr(part1,atpoint\_m+2,len(part1)-atpoint\_m-2)

part2=right(ubified,len(ubified)-len(part1)-1)

ubified=part2

\*atpoint=at(",",ubified)

atpoint=at('","',ubified)

?part1

\*?"column->",columnname,chr(9),"data->",columndata

\*/////////////////////////////\*放入資料 iid,sv,sd,vtyp,sna,tot,sbi,sarear,mday,lng,ar,sareaen,snaen,aren,nbcnt,bemp,act

do case

case columnname="iid"

replace iid with val(columndata)

case columnname="sv"

replace sv with columndata

case columnname="sd"

replace sd with columndata

case columnname="vtyp"

replace vtyp with val(columndata)

case columnname="sna"

replace sna with columndata

case columnname="tot"

replace tot with val(columndata)

case columnname="sbi"

replace sbi with val(columndata)

case columnname="sarea"

replace sarea with columndata

case columnname="mday"

replace mday with columndata

case columnname="lng"

replace lng with columndata

case columnname="ar"

replace ar with columndata

case columnname="sareaen"

replace sareaen with columndata

case columnname="snaen"

replace snaen with columndata

case columnname="aren"

replace aren with columndata

case columnname="nbcnt"

replace nbcnt with val(columndata)

case columnname="bemp"

replace bemp with val(columndata)

case columnname="act"

replace act with val(columndata)

otherwise ?"gg"

endcase

\*/////////////////////////////\*

?"--------"

enddo

\*//////////////////////////

?"-----------",alltrim(str(i)),"--------"

select 2

skip 1

i=i+1

enddo

?"資料比數",alltrim(str(i))

**※HW4**

**import\_product.prg**

close all

create table hw2/product (id int,name char(50),price int,color char(50),size char(50))

use hw2/product

append from hw2/product.txt delimited with tab

browse

return

**import\_sale.prg**

close all

create table hw2/sale (Sale\_id int,month int,day int,amount int,product\_id int)

use hw2/sale

append from hw2/sale.txt delimited with tab

browse

return

**p1.prg**

close all

select a.sale\_id,sum(a.amount\*b.price) as money from hw2/sale a,hw2/product b where a.product\_id=b.id group by a.sale\_id into table hw4/p1;

**p2.prg**

close all

select sale\_id, count(sale\_id) as count from hw2/sale group by sale\_id into table hw4/p2;

**p3\_1.prg**

close all

select a.month,sum(a.amount\*b.price)as money from hw2/sale a,hw2/product b where a.product\_id=b.id group by month into table hw4/p3\_1;

**p3\_2.prg**

close all

select sum(a.amount\*b.price)as money from hw2/sale a,hw2/product b where a.product\_id=b.id into table hw4/p3\_2;

**p4.prg**

close all

select a.id,sum(b.amount)as amount from hw2/product a left join hw2/sale b on a.id=b.product\_id group by a.id having amount is null into table hw4/p4;

**p5.prg**

close all

select a.product\_id,sum(a.amount\*b.price)as money from hw2/sale a,hw2/product b where a.product\_id=b.id group by a.product\_id into table hw4/p5

**p6.prg**

close all

select a.sale\_id,a.month,sum(a.amount\*b.price) as money from hw2/sale a,hw2/product b where a.product\_id=b.id group by month, a.sale\_id having money>=10000 into table hw4/p6;

**p7.prg**

close all

select sale\_id ,count(\*)as count from hw4/p6 group by sale\_id having count>=2 into table hw4/p7;

**※HW5**

**create\_headfile.prg**

create table hw5/headfile(doc\_id int, date\_id c(10),title1 memo ,title2 memo, title3 memo, content memo, edition c(4));

**input.file0.prg**

clear

close all

\*small.txt

use hw5/file0

zap

f1=fopen("hw5/small.txt")

id=1

str1=""

do while not feof(f1)

str1=str1+alltrim(fgets(f1,65536))

p1=at(',"',str1,5)

do while p1>0

first=left(str1,p1)

&&?first

secondt=right(str1,len(str1)-p1)

&&?secondt

str1=secondt

p2=at('"',str1,2)

thirdt=left(str1,p2)

finalt=first+thirdt

&&?finalt

str1=right(str1,len(str1)-p2)

?id

&&if(id=223)

&&?finalt

&&endif

append blank

replace doc\_id with id content with finalt

id=id+1

&&&&&&&&&&&&&&&&&&&&&&&&&

p1=at(',"',str1,5)

enddo

enddo

browse

**※HW6**

**create\_file0.prg**

create table hw5/file0(doc\_id int, content memo);

**create\_sentence.prg**

create table hw5/sentence(doc\_id int,sent\_id int,content memo)

**input\_headfile.prg**

clear

select 1

use hw5/file0

select 2

use hw5/headfile

zap

select 1

do while not eof()

select 1

str1=content

idn=doc\_id

?doc\_id

select 2

append blank

replace doc\_id with idn

&&&&&&&&切割資料欄位&&&&&&&&&

p1=at(",",str1)

dates=left(str1,p1-1)

replace date\_id with dates

others=right(str1,len(str1)-(p1+1))

&&?doc\_id,"",dates

&&if(doc\_id=212)

&&?doc\_id,"",dates

&&?others

&&endif

&&if(doc\_id=223)

for i=1 to 4

p2=at('","',others)

wanted=left(others,p2-1)

&&?i,"##",wanted

do case

case i=1

replace title1 with wanted

case i=2

replace title2 with wanted

case i=3

replace title3 with wanted

case i=4

replace content with wanted

endcase

hate=right(others,len(others)-(p2+2))

others=hate

endfor

lasts=substr(others,1,len(others)-1)

replace edition with lasts

&&?5,"##",lasts

&&endif

&&&&&&&&&&&&&&&&&&&&&&&

select 1

skip 1

enddo

select 2

browse

**input\_sentence.prg**

&&WAIT WINDOW "Calling routine as function with @"

close all

clear

select 1

use hw5/headfile

select 2

use hw5/sentence

zap

select 1

do while not eof()

select 1

idn=doc\_id

?idn

content\_n=content

&&&&&分割句子&&&&&&&&

select 2

&&if(idn=11)

idt=1

do while len(content\_n)>0

p1=fnm(content\_n)

if(p1=0)

&&?idt,"##",content\_n

append blank

replace doc\_id with idn sent\_id with idt content with content\_n

exit

endif

save=left(content\_n,p1+1)

append blank

replace doc\_id with idn sent\_id with idt content with save

&&?idt,"##",save

other=right(content\_n,len(content\_n)-(p1+1))

content\_n=other

idt=idt+1

enddo

&&?"@"

&&endif

&&&&&&&&&&&&&&&&&&&&

select 1

skip 1

enddo

function fnm

para str1

DIMENSION p(3)

p(1)=at('！',str1)&&0

p(2)=at('？',str1)&&115

p(3)=at('。',str1)&&391

&&?p(1),"~",p(2),"~",p(3)

mins=0

if (p(1)>0)

mins=p(1)

&&?"p1"

else

if (p(2)>0)

mins=p(2)

&&?"p2"

else

if (p(3)>0)

mins=p(3)

&&?"p3"

else

mins=0

endif

endif

endif

for i=1 to 3

if p(i)<mins and p(i)!=0

mins=p(i)

endif

endfor

&&?mins

return mins

endfu

**※HW7**

**create\_alphanum.prg**

create table hw5/alphanum(doc\_id int,sent\_id int ,wd\_id int, word memo)

**create\_chinese.prg**

create table hw5/chinese(doc\_id int,sent\_id int ,wd\_id int, word c(2))

**split\_word.prg**

close all

clear

select 1

use hw5/sentence

select 2

use hw5/chinese

zap

select 3

use hw5/alphanum

zap

total=0

select 1

do while not eof()

total=total+1

&&if mod(total,100)=0

&& ?doc\_idn

&&endif

select 1

doc\_idn=doc\_id

sent\_idn=sent\_id

contentn=content

&&&&&&&&切割中文字和英數字&&&&&&&&&&

&&?doc\_idn,sent\_idn,contentn

counttotal=1

&&if(doc\_idn==11)

do while len(contentn)>0

ch=left(contentn,1)

if asc(ch)>127

ch2=left(contentn,2)

??"[",str(counttotal,2),"]",ch2," "

&&&&&&&&&&&&&放入資料庫&&&&&&&&&&&&&&&&

select 2

append blank

replace doc\_id with doc\_idn sent\_id with sent\_idn wd\_id with counttotal word with ch2

&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&

counttotal=counttotal+1

contentn=right(contentn,len(contentn)-2)

else

eng\_ch=""

move=1

do while move=1

now=left(contentn,1)

if(asc(now)<=127 and len(contentn)>0)

eng\_ch=eng\_ch+now

contentn=right(contentn,len(contentn)-1)

else

??"[",str(counttotal,2),"]",eng\_ch," "

&&&&&&&&&&&&&放入資料庫&&&&&&&&&&&&&&&&

select 3

append blank

replace doc\_id with doc\_idn sent\_id with sent\_idn wd\_id with counttotal word with eng\_ch

&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&&

counttotal=counttotal+1

move=2

endif

enddo

endif

enddo

&&endif

&&if(doc\_idn==12)

&& exit

&&endif

&&&&&&&&&&&&&&&&&&&&&&&&&&

select 1

skip 1

enddo