**TP2**

**Connect to sqlplus :**

commands :

ssh mengzi.zhao@tp-ssh1.dep-informatique.u-psud.fr

sqlplus

login : C##mzhao3\_a

password : mzhao3\_a

wc -l

# count lines

LC\_CTYPE=C printf '%d' "'A" # get the ASCII value of A

1 -

egrep '^aa' /usr/share/dict/words

egrep '^a{2}' /usr/share/dict/words

2 -

egrep 'hard' /usr/share/dict/words | wc -l

3 -

连续6个字母不为元音和标点的单词

egrep '[^[=a=][=e=][=i=][=o=][=u=][=y=][:punct:]]{6}' /usr/share/dict/words

4 -

egrep '([ [:alpha:]])\1\1' /usr/share/dict/words

egrep '([a-zA-Z])\1\1' /usr/share/dict/words

5 -

Which pattern do you think that regular expression "b[--a]b" will match? Check it!

b[--a]b :

以b开始，以b结束

[--a]

从-号的ascii码：45

到”-”

a的ascii码：98

之间的所有字符 包括减号和a

Ex 1.3

1 -

CREATE TABLE codesPostaux(

insee varchar2(6),

nom\_commune varchar2(50),

zip varchar2(50),

LIBELLE varchar2(50),

dum1 varchar2(50)

);

在外面的terminal里做以下步骤

nano control.txt

把以下内容放在control里面

LOAD DATA INFILE 'codes\_postaux.csv'

TRUNCATE

INTO TABLE codesPostaux

FIELDS TERMINATED BY ';'

(insee,nom\_commune,zip, LIBELLE,dum1)

nano bad.txt

nano log.txt

sqlldr userid=C##mzhao3\_a/mzhao3\_a control=control.txt log=log.txt bad=bad.txt \direct=y errors=0 skip=1

2 -

select INSEE, nom\_commune from codesPostaux

where nom\_commune like '%VIGNOBLE%';

select insee, nom\_commune from codesPostaux where REGEXP\_LIKE(nom\_commune,'VIGNOBLE');

3 -

select nom\_commune

from CODESPOSTAUX

where REGEXP\_LIKE (nom\_commune,' S(AIN)?T ')

or REGEXP\_LIKE (nom\_commune,'^S(AIN)?T');

4 -

Update CODEPOSTAUX

set nom\_commune=REGEXP\_REPLACE (nom\_commune,'2A','20');

scp TP1.pdf mengzi.zhao@tp-ssh1.dep-informatique.u-psud.fr:/home/tp-home002/mzhao3/Lab\_DW