TP3 Question 16 ABDD

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Avant la création des tables:

```
SQL> select COLUMN_NAME from USER_TAB_COLUMNS;

no rows selected

SQL> [
```

```
Connected.
SQL> select TABLE_NAME from USER_TABLES;
no rows selected
SQL>
```

Après Création des tables

29 rows selected.	manjaro-kde-18.1.5-1
SQL> select CONSTRAINT_NAME from	USER_CONSTRAINTS;base-xe-1
CONSTRAINT_NAME	pop-os_20.04_amd64
□ videos	pop-os_20.04_amd64
CS_SEXE rash	rufus-3.3.exe
PK_SPORTIFS	rufus files
FK_SPORTIFS By Sport delhak24062@gmail.c	_
FK_SFORTS	ubuntu-18.04.1-deskt
PK_GYMNASES hak2478@gmail.com	ubuntu-20.04.1-deskt
FK_SPORTIF_ARBITRER	▶ 🛅 Ubuntu
FK_SPORT_ARBITRER	Win7 Pro SP1 Frenc
PK_ENTRAINER	
FK_SPORTIFS_ENTRAINER	■ Windows7-USB-DVD-
FK_SPORTIFS_ENTRAINEUR2	→ 🗎 Windows 10 2019_10
CONSTRAINT NAME tests pfe	→ 🗎 win x64
Testacats_tests_pre	
PK_JOUER _{V Files}	
FK_SPORT_JOUER	
FK_SPORTIFS_JOUER	
CK_JOUR PK_SEANCESgrams	
FK_SEANCES_GYMNASE	
FK_SEANCES_SPORT	
FK_SEANCES_ENRTRAINER	
+ Other Locations 19 rows selected.	
19 rows selected.	
SQL>	

!	/bln/zsh 92x4
SQL> select COLUMN_NAME from USER_	TAB_COLUMNS;
COLUMNSNAME	chapter1.docx
coround Marked	▶ 🔚 KMSAuto Net F
IDSPORTIFME	KMSpico-setup
IDSPORT IDSPORTIFENTRAINEUR	kubuntu-18.04.
IDSPORT	kubuntu-19.10-
IDGYMNASEcuments	linuxmint-18-xf
NOMGYMNASE ADRESSE ² OWnloads	
VILLE	linuxmint-19.3-)
SURFACE	manjaro-kde-18
IDSPORTIF IDSPORT	oracle-databas
□ Videos	pop-os_20.04_a
COLUMN_NAME	pop-os_20.04_a
IDGYMNASE	rufus-3.3.exe
TOCOODT	rufus_files
IDSPORTIFENTRAINEUR 2 @gmail.c	ubuntu-18.04.1-
JOUR abdelhak2478@gmail.com	ubuntu-20.04.1-
DUREE	→ 🛅 Ubuntu
IDSPORTIFS year	Win7 Pro SP1
NOM PRENOMPYTHON	■ Windows7-USB
SEXE	Windows 10 20
AGE GoogleCourses	
COLUMN_NAME	▶ 🔲 win x64
IDSPORTIFCONSEILLER IDSPORT ode LIBELLE ADRESSErograms	
UTILISATEUR	
NOMTABLE C NOMCONTRAINTE	
+ Other Locations	
29 rows selected.	0
SQL>	

Autres Étapes et leurs outputs:

SQL> select TABLE_NAME from USER_TABLES;

SQL> ALTER TABLE GYMNASES 2 ADD DATECREATION date;

Table altered.

SQL> select table name, column name, data type from USER TAB COLUMNS; TABLE NAME COLUMN NAME DATA TYPE ARBITRER IDSPORTIF NUMBER ARBITRER IDSPORT NUMBER ENTRAINER IDSPORTIFENTRAINEUR NUMBER TABLE NAME COLUMN NAME -----ENTRAINER IDSPORT NUMBER GYMNASES IDGYMNASE NUMBER GYMNASES NOMGYMNASE VARCHAR2 TABLE NAME COLUMN NAME GYMNASES ADRESSE VARCHAR2 GYMNASES VILLE VARCHAR2 GYMNASES SURFACE NUMBER TABLE NAME COLUMN NAME DATA TYPE GYMNASES DATECREATION DATE IOUER IDSPORTIF

NUMBER

JOUER IDSPORT NUMBER
TABLE_NAME COLUMN_NAME DATA_TYPE SEANCES IDGYMNASE NUMBER SEANCES IDSPORT NUMBER SEANCES IDSPORTIFENTRAINEUR NUMBER
TABLE_NAME COLUMN_NAME DATA_TYPESEANCES JOUR VARCHAR2 SEANCES HORAIRE FLOAT SEANCES DUREE NUMBER
TABLE_NAME COLUMN_NAME DATA_TYPE SPORTIFS IDSPORTIF NUMBER SPORTIFS NOM VARCHAR2 SPORTIFS PRENOM VARCHAR2
TABLE_NAME COLUMN_NAME DATA_TYPE SPORTIFS SEXE VARCHAR2 SPORTIFS AGE NUMBER

SPORTIFS IDSPORTIFCONSEILLER NUMBER
TABLE_NAME COLUMN_NAME
TABLE_NAME COLUMN_NAME
30 rows selected. SQL> select table_name , column_name, data_type from USER_TAB_COLUMNS where table_name='GYMNASES';
TABLE_NAME COLUMN_NAME
TABLE_NAME COLUMN_NAME DATA_TYPE

GYMNASES VILLE VARCHAR2 GYMNASES SURFACE NUMBER GYMNASES DATECREATION DATE 6 rows selected. SQL> ALTER TABLE Sportifs 2 ADD CONSTRAINT ch Sexenotnull CHECK(Sexe IS NOT NULL); Table altered. SQL> desc USER CONSTRAINTS; Name Null? Type OWNER VARCHAR2(120) CONSTRAINT NAME NOT NULL VARCHAR2(30) CONSTRAINT TYPE VARCHAR2(1) TABLE NAME NOT NULL VARCHAR2(30) SEARCH CONDITION LONG R OWNER VARCHAR2(120) R CONSTRAINT NAME VARCHAR2(30) DELETE RULE VARCHAR2(9) STATUS VARCHAR2(8) DEFERRABLE VARCHAR2(14) DEFERRED VARCHAR2(9) VALIDATED VARCHAR2(13) GENERATED VARCHAR2(14) BAD VARCHAR2(3) RELY VARCHAR2(4) LAST CHANGE DATE INDEX OWNER VARCHAR2(30) INDEX NAME VARCHAR2(30) INVALID VARCHAR2(7) VIEW RELATED VARCHAR2(14) SOL> select CONSTRAINT NAME from USER CONSTRAINTS; CONSTRAINT NAME -----

CS SEXE

$PK_{}$	SPORTIFS
$FK_{\underline{\ }}$	SPORTIFS
PK_	SPORTS
PK_	GYMNASES
$PK_{\underline{\ }}$	ARBITRER
$FK_{\underline{\ }}$	SPORTIF_ARBITRER
$FK_{\underline{\ }}$	SPORT_ARBITRER
PK_	ENTRAINER
$FK_{\underline{\ }}$	SPORTIFS_ENTRAINER
$FK_{\underline{\ }}$	SPORTIFS_ENTRAINEUR2
CO	NSTRAINT_NAME
PK_	JOUER
$FK_{\underline{\ }}$	SPORT_JOUER
$FK_{\underline{\ }}$	SPORTIFS_JOUER
$CK_{\underline{\ }}$	JOUR
PK_	SEANCES
$FK_{\underline{\ }}$	SEANCES_GYMNASE
$FK_{\underline{\ }}$	SEANCES_SPORT
$FK_{\underline{\ }}$	SEANCES_ENRTRAINER
CH	SEXENOTNULL
20	rows selected.
	_> ALTER TABLE Sportifs
2 A	DD CONSTRAINT ch_Agenotnull CHECK(Age IS NOT NULL);
- .	
lab	le altered.
CO	TO THE CONCERNING NAME (122 TO LICED CONCERNING)
SŲ	-> select CONSTRAINT_NAME from USER_CONSTRAINTS;
CO	NSTRAINT NAME
CO	NSTRAINT_NAME
	SEXE
	SPORTIFS
	SPORTIFS
	SPORTS
	GYMNASES
	ARBITRER
	SPORTIF ARBITRER
	SPORT ARBITRER
	ENTRAINER
	SPORTIFS ENTRAINER

CONSTRAINT NAME -----PK JOUER FK SPORT JOUER FK SPORTIFS JOUER CK IOUR PK SEANCES FK SEANCES GYMNASE FK SEANCES SPORT FK SEANCES ENRTRAINER CH SEXENOTNULL CH AGENOTNULL 21 rows selected. SQL> ALTER TABLE Sportifs 2 MODIFY Prenom VARCHAR2(60); Table altered. SQL> select TABLE NAME, COLUMN NAME, DATA TYPE from USER TAB COLUMNS where TABLE NAME='SPORTIFS': TABLE NAME COLUMN NAME DATA TYPE -----SPORTIFS IDSPORTIF NUMBER SPORTIFS NOM VARCHAR2 SPORTIFS PRENOM VARCHAR2 TABLE NAME COLUMN NAME SPORTIFS SEXE VARCHAR2 SPORTIFS AGE

FK SPORTIFS ENTRAINEUR2

NUMBER
6 rows selected.
SQL> ALTER TABLE GYMNASES 2 DROP COLUMN DATECREATION;
Table altered.
SQL> select TABLE_NAME, COLUMN_NAME, DATA_TYPE from USER_TAB_COLUMNS where TABLE_NAME='GYMNASES';
TABLE_NAME COLUMN_NAME
DATA_TYPE
GYMNASES IDGYMNASE NUMBER GYMNASES NOMGYMNASE
VARCHAR2 GYMNASES ADRESSE
VARCHAR2
TABLE_NAME COLUMN_NAME
DATA_TYPE
GYMNASES VILLE VARCHAR2 GYMNASES SURFACE
GYMNASES SURFACE NUMBER
SQL> ALTER TABLE GYMNASES 2 RENAME COLUMN Adresse TO ADRESSEGYM;
Table altered.
SQL> select TABLE_NAME, COLUMN_NAME, DATA_TYPE from USER_TAB_COLUMNS where TABLE_NAME='GYMNASES';
TABLE_NAME COLUMN_NAME

NUMBER

DATA TYPE _____ GYMNASES IDGYMNASE NUMBER GYMNASES NOMGYMNASE VARCHAR2 GYMNASES ADRESSEGYM VARCHAR2 TABLE NAME COLUMN NAME -----DATA TYPE GYMNASES VILLE VARCHAR2 GYMNASES SURFACE NUMBER SQL> ALTER TABLE Sports 2 ADD CONSTRAINT ch LIBELLE check (Libelle in ('Basket ball','Volley ball','Hand ball','Tennis', 'Hockey', 'Badmington','Ping pong','Football', 'Boxe')) 3: Table altered. SQL> select CONSTRAINT NAME from USER CONSTRAINTS where CONSTRAINT NAME='CH LIBELLE'; CONSTRAINT NAME _____ CH LIBELLE SQL> desc sportifs; Name Null? Type **IDSPORTIF NOT NULL NUMBER** NOM VARCHAR2(50) PRENOM VARCHAR2(60) SEXE VARCHAR2(1) AGE NUMBER IDSPORTIFCONSEILLER NUMBER

SQL> alter table sportifs rename column NOM TO NAME;

Table altered. SQL> select TABLE NAME, COLUMN NAME, DATA TYPE from USER TAB COLUMNS where TABLE NAME='SPORTIFS': TABLE NAME COLUMN NAME -----DATA TYPE SPORTIFS IDSPORTIF NUMBER SPORTIFS NAME VARCHAR2 SPORTIFS PRENOM VARCHAR2 TABLE NAME COLUMN NAME -----DATA TYPE -----SPORTIFS SEXE VARCHAR2 SPORTIFS AGE NUMBER SPORTIFS IDSPORTIFCONSEILLER NUMBER 6 rows selected. SOL> alter table sportifs add newCOLUmn VARCHAR(20): Table altered. SQL> select TABLE NAME, COLUMN NAME, DATA TYPE from USER TAB COLUMNS where TABLE NAME='SPORTIFS'; TABLE NAME COLUMN NAME DATA TYPE SPORTIFS IDSPORTIF NUMBER

SPORTIFS NAME

VARCHAR2

VARCHAR2
TABLE_NAME COLUMN_NAME
DATA_TYPE
SPORTIFS SEXE
VARCHAR2
SPORTIFS AGE
NUMBER
SPORTIFS IDSPORTIFCONSEILLER
NUMBER
TABLE NAME COLUMN NAME
DATA_TYPE
CDODTICS NEWCOLLINA
SPORTIFS NEWCOLUMN VARCHAR2
VARCHARZ
7 rows selected.
SOL > select TARLE NAME COLLIMN NAME DATA TYPE from
SQL> select TABLE_NAME, COLUMN_NAME, DATA_TYPE from USER TAB COLUMNS where
SQL> select TABLE_NAME, COLUMN_NAME, DATA_TYPE from USER_TAB_COLUMNS where 2
USER_TAB_COLUMNS where
USER_TAB_COLUMNS where 2 SQL> select column_name from user_tab_columns;
USER_TAB_COLUMNS where 2
USER_TAB_COLUMNS where 2 SQL> select column_name from user_tab_columns;
USER_TAB_COLUMNS where 2 SQL> select column_name from user_tab_columns; COLUMN_NAME IDSPORTIF IDSPORT
USER_TAB_COLUMNS where 2 SQL> select column_name from user_tab_columns; COLUMN_NAME IDSPORTIF IDSPORTIF IDSPORTIFENTRAINEUR
USER_TAB_COLUMNS where 2 SQL> select column_name from user_tab_columns; COLUMN_NAME IDSPORTIF IDSPORT IDSPORTIFENTRAINEUR IDSPORT
USER_TAB_COLUMNS where 2 SQL> select column_name from user_tab_columns; COLUMN_NAME IDSPORTIF IDSPORT IDSPORT IDSPORT IDSPORT IDSPORT IDSPORT IDSPORT IDSPORT
USER_TAB_COLUMNS where 2 SQL> select column_name from user_tab_columns; COLUMN_NAME IDSPORTIF IDSPORT IDSPORTIFENTRAINEUR IDSPORT
USER_TAB_COLUMNS where 2 SQL> select column_name from user_tab_columns; COLUMN_NAME IDSPORTIF IDSPORT IDGYMNASE NOMGYMNASE ADRESSEGYM VILLE
USER_TAB_COLUMNS where 2 SQL> select column_name from user_tab_columns; COLUMN_NAME IDSPORTIF IDSPORT IDSPOR
USER_TAB_COLUMNS where 2 SQL> select column_name from user_tab_columns; COLUMN_NAME IDSPORTIF IDSPORT IDSPORT IDSPORT IDSPORT IDSPORT IDGYMNASE NOMGYMNASE ADRESSEGYM VILLE SURFACE IDSPORTIF
USER_TAB_COLUMNS where 2 SQL> select column_name from user_tab_columns; COLUMN_NAME IDSPORTIF IDSPORT IDSPOR

SPORTIFS PRENOM

IDSPORT IDSPORTIFENTRAINEUR JOUR HORAIRE DUREE IDSPORTIF NAME PRENOM SEXE AGE	
COLUMN_NAME IDSPORTIFCONSEILLER NEWCOLUMN IDSPORT LIBELLE ADRESSE UTILISATEUR NOMTABLE NOMCONTRAINTE	
30 rows selected. SQL> ALTER table sportifs add constraint ck_question16 check (name in ('name1', 'name2'));	
Table altered. SQL> select CONSTRAINT_NAME from USER_CONSTRAINTS; CONSTRAINT_NAME	
CS_SEXE PK_SPORTIFS FK_SPORTS PK_GYMNASES PK_ARBITRER	

FK_SPORTIF_ARBITRER

FK_SPORT_ARBITRER
PK_ENTRAINER
FK_SPORTIFS_ENTRAINER
FK_SPORTIFS_ENTRAINEUR2

CONSTRAINT NAME

PK JOUER

FK SPORT JOUER

FK_SPORTIFS_JOUER

CK JOUR

PK SEANCES

FK_SEANCES_GYMNASE

FK SEANCES SPORT

FK_SEANCES_ENRTRAINER

CH SEXENOTNULL

CH AGENOTNULL

CH_LIBELLE

CONSTRAINT NAME

CK QUESTION16

23 rows selected.

SQL> spool off