

Assignment 3 Grading Scheme

Grading steps:

0. @initialize
1. @create.txt
2. @test_create

Following outputs will be checked. This part worth 59 points in total.

There are 10 tables. 32 attributes in total, considering each "Name, Null?, Type". **Each attribute worth 1 point**. Check following outputs and given **32 points** in total.

Name	Null?	Type
COURSE_ID	NOT NULL	VARCHAR2 (8)
COURSE_NAME		VARCHAR2 (80)
CREDITS		NUMBER (3)

Name	Null?	Type
STAFF_ID	NOT NULL	NUMBER (8)
LAST_NAME		VARCHAR2 (80)
FIRST_NAME		VARCHAR2 (80)

Name	Null?	Type
STAFF_ID	NOT NULL	NUMBER (8)
PHONE_NUMBER	NOT NULL	NUMBER (8)

Name	Null?	Type
MAIN_COURSE_ID	NOT NULL	VARCHAR2 (8)
PREREQ_COURSE_ID	NOT NULL	VARCHAR2 (8)

Name	Null?	Type
COURSE_ID	NOT NULL	VARCHAR2 (8)
OFFERING_NO	NOT NULL	NUMBER (8)
YEARSEMESTER		VARCHAR2 (10)
CLASSROOM		NUMBER (5)
NO_OF_STDS		NUMBER (5)
STAFF_ID	NOT NULL	NUMBER (8)

Name	Null?	Type
STAFF_ID	NOT NULL	NUMBER (8)
COURSE_ID	NOT NULL	VARCHAR2 (8)
OFFERING_NO	NOT NULL	NUMBER (8)

Name	Null?	Type
STUDENT_ID	NOT NULL	NUMBER (8)
LAST_NAME		VARCHAR2 (80)
FIRST_NAME		VARCHAR2 (80)
PHONE		NUMBER (8)
COURSE_ID	NOT NULL	VARCHAR2 (8)
OFFERING_NO	NOT NULL	NUMBER (8)

Name	Null?	Type
STUDENT_ID	NOT NULL	NUMBER(8)
COURSE_ID	NOT NULL	VARCHAR2(8)
OFFERING_NO	NOT NULL	NUMBER(8)

Name	Null?	Type
STAFF_ID	NOT NULL	NUMBER(8)
STUDENT_ID	NOT NULL	NUMBER(8)

Name	Null?	Type
STAFF_ID	NOT NULL	NUMBER(8)
STUDENT_ID	NOT NULL	NUMBER(8)

Following output is for testing primary key. **Each table's primary key worth 1 point.** Check following outputs and given **10 points** in total.

COLUMN_NAME

COURSE_ID

COLUMN_NAME

STAFF_ID

COLUMN_NAME

STAFF_ID
PHONE_NUMBER

COLUMN_NAME

MAIN_COURSE_ID
PREREQ_COURSE_ID

COLUMN_NAME

COURSE_ID
OFFERING_NO

COLUMN_NAME

STAFF_ID
COURSE_ID
OFFERING_NO

COLUMN_NAME

STUDENT_ID

COLUMN_NAME

STUDENT_ID
COURSE_ID
OFFERING_NO

COLUMN_NAME

STAFF_ID
STUDENT_ID

COLUMN_NAME

STAFF_ID
STUDENT_ID

Then, there are 17 reference relations. **Each worth 1 point,** we have **17 points** here in total.
PLEASE NOTICE THAT R_CONSTRAINT_NAME does not matter. Some table heads are ignored.

TABLE_NAME	R_CONSTRAINT_NAME	TABLE_NAME
COLUMN_NAME		
OFFERING COURSE_ID	SYS_C00264879	COURSE
OFFERING STAFF_ID	SYS_C00264880	PROF
PREF_OFFERING COURSE_ID	SYS_C00264882	OFFERING
PREF_OFFERING OFFERING_NO	SYS_C00264882	OFFERING
PREF_OFFERING STUDENT_ID	SYS_C00264887	TA
PREF_TA STAFF_ID	SYS_C00264880	PROF
TABLE_NAME	R_CONSTRAINT_NAME	TABLE_NAME
COLUMN_NAME		
PREF_TA STUDENT_ID	SYS_C00264887	TA
PREREQUISITE COURSE_ID	SYS_C00264879	COURSE
PREREQUISITE COURSE_ID	SYS_C00264879	COURSE
TABLE_NAME	R_CONSTRAINT_NAME	TABLE_NAME
COLUMN_NAME		
PROF_PHONE STAFF_ID	SYS_C00264880	PROF
PROF_TEACH STAFF_ID	SYS_C00264880	PROF
PROF_TEACH COURSE_ID	SYS_C00264882	OFFERING

PROF_TEACH OFFERING_NO	SYS_C00264882	OFFERING
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SUPERVISE STAFF_ID	SYS_C00264880	PROF
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SUPERVISE STUDENT_ID	SYS_C00264887	TA
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TABLE_NAME	R_CONSTRAINT_NAME	TABLE_NAME
COLUMN_NAME		

TA COURSE_ID	SYS_C00264882	OFFERING
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TA OFFERING_NO	SYS_C00264882	OFFERING
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3. @initialize & @create_data

4. @query.txt

Please check following 5 results. The first one worth 5 points, 2-5 worth 9 points each. No partial points. No score for Duplicated outputs. Scripts which output correct answers can get full points.

1. Output should be(5 points):

```
COURSE_I
-----
ELEC3100
Comp2011
```

2. Output should be (9 points):

```
STAFF_ID
-----
LAST_NAME
-----
FIRST_NAME
-----
      1001
AAA
ZZZ
```

3. Output should be (9 points):

```
STUDENT_ID
-----
LAST_NAME
-----
FIRST_NAME
-----
      1
ta1
fn1

      2
ta2
fn2
```

4. Output should be (9 points):

STAFF_ID	LAST_NAME	FIRST_NAME
1001	AAA	ZZZ
1002	BBB	YYY
1003	CCC	XXX
1005	EEE	PPP
1006	FFF	OOO

5. Output should be (9 points):

STAFF_ID	LAST_NAME	FIRST_NAME
1001	AAA	ZZZ