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/* BuchananBrandonHW6.sql
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Programmer's Name: Brandon Buchanan
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Course: CSCI2020
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Section Number: 002
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Creation Date: 11/9/2011
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Date of Last Modification: 11/15/2011
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```
E-mail address: zbw8@goldmail.etsu.edu
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Purpose -
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```
Homework 6
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Notes on specifications, special algorithms, and assumptions:
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```
Designed to work on the database created by the schooldb.sql
```

```
script
```

```
*/
```

```
/* 1a. - Display the number of tables the current user has created. */
```

```
select count(*) from USER_TABLES;
```

```
/* 1b. - Display the number of tables the current user has access to. */
```

```
select count(*) from ALL_TABLES;
```

```
/* 2a. - Display the table name that was granted access to by DB1STUDENT. */
```

```
ALL TABLES
select TABLE_NAME from ALL_TABLES
where ALL_TABLES.OWNER = 'DB1STUDENT';
```

```
/* 2b. - Display my privileges on the DB1STUDENT table. */
```

```
table name
select USER_TAB_PRIVS.PRIVILEGE from USER_TAB_PRIVS
where USER_TAB_PRIVS.GRANTEE = 'ZBWB8'; GRANTOR = USER
```

```
/* 3a. - Grant the user DB1STUDENT access to update the current user's
INSTRUCTOR table. */
```

```
grant update on INSTRUCTOR to DB1STUDENT; with grant option;
```

```
/* 3b. - Grant the user DB1STUDENT access to perform queries on the current
users INSTRUCTOR table. */
```

```
grant select on INSTRUCTOR to DB1STUDENT;
```

```
/* 4a. - Display current user's system privileges. */
```

```
select USER_SYS_PRIVS.PRIVILEGE from USER_SYS_PRIVS; union select privilege from ROLB-SYS-PRIVS
```

```
/* 4b. - Display current user's system priveleges that the current user can
also grant others. */
```

```
select USER_SYS_PRIVS.PRIVILEGE from USER_SYS_PRIVS
where USER_SYS_PRIVS.ADMIN_OPTION = 'YES'; union select privilege from ROLB-SYS-PRIVS where ADMIN_OPTION = 'YES'
```

object → *Log* *-8* *system level → select & Delete*

```
/* 5. - select from EMPAK.ID, delete from TERRAK.NOR, */
```

/* 6. - A grant to a list of users ensures that those specific users gain the access controls you wish to grant, while granting to PUBLIC ensures that all current users as well as future users also receive the permissions applied. */