

```
* hw06a.sas
* written by Steve Simon
* creation date: 2020-07-06;
```

```
* Note: this solution uses SAS and Oracle. An alternate solution using
R and SQLite is also available.
```

For your homework, use the hospital database that I mentioned briefly earlier in this lecture.

1. Verify that the hospital id code (HOSP_ID) has no missing values.
2. There are only two fields in the database that have null values. Get a count of the number of missing values for the indicator for teaching hospital (TEACHING_IND).
3. There is only one hospital where the number of beds (BED_SIZE) is unknown. Find the id of that hospital.
4. Combine your results into a single PDF file and submit it.;

```
ods pdf file="q:/introduction-to-sql/results/hw06a-solution-using-sas-oracle-output.pdf";
```

```
%include 'q:/sql files/super-secret.sas';
```

```
libname
  or_link
  oracle
  user='simons'
  password=&pw
  path='@CHIHFPD, BUFFSIZE=9000'
  schema='ehr';

proc sql;
  create table q1 as
  select
    count(*) as number_missing_ids
  from or_link.hospital
  where HOSP_ID is null
  ;
quit;
```

```
proc print
  data=q1;
run;
```

```
proc sql;
  create table q2 as
  select
    count(*) as number_missing_teaching_ind
  from or_link.hospital
  where TEACHING_IND is null
  ;
quit;
```

```
proc print
  data=q2;
run;
```

```
proc sql;
```

```
create table q3 as
  select
    HOSP_ID
  from or_link.hospital
  where BED_SIZE is null
;
quit;

proc print
  data=q3;
run;

ods pdf close;
```