```
PROC SQL;
CREATE TABLE WORK.query AS
SELECT hdgHraEncWID , hdgCd FROM _TEMP1.diagnosis;
RUN;
QUIT;
```

```
PROC DATASETS NOLIST NODETAILS;
CONTENTS DATA=WORK.query OUT=WORK.details;
RUN;
```

```
PROC PRINT DATA=WORK.details;
RUN;
```

```
DATA QUIZ2.DIAGNOSIS;
SET SASUSER.DIAGNOSIS;
RUN;
```

```
DATA QUIZ2.VISITS;
SET sasuser.visits;
RUN;
```

```
data new work.spinedata;
set sasuser.visits (keep=hraAdmDtm hraEncWID hraPatWID hraGenderCd);
run;
```

```
data spinedata;
set sasuser.visits;
date = datepart (hraAdmDtm);
format date date9.;
keep hraAdmDtm date;
if date>='01JAN2003'd then output;
run;
```

```
data new work.mergedata;
set sasuser.diagnosis;
keep hdgHraEncWID;
run;
```

```
data mergedata;
set sasuser.diagnosis;
diagcat = hdgcd;
label diagcat = "diagcat"
keep hdgcd;
run;
```

```
data mergedata;
length diagcat $ 3;
set sasuser.diagnosis;
diagcat = hdgcd;
run;
```

```
proc freq data=mergedata order=freq;
table diagcat;
title "frequency counts";
run;
```

```
data mergedata;
length diagcat $ 3;
set sasuser.diagnosis;
diagcat = hdgcd;
label diagcat='diagnosis category';
title'work.diagnosis category';
proc print data=diagcat;
run;
```

```
data diagcat;
set work.mergedata;
if diagcat in ('125', '110', 'O70', 'Y83', 'E87') then freqdiag=1; else freqdiag=0;
label freqdiag='frequent diagnosis';
run;
```

```
data diagcat;
set work.mergedata;
if diagcat in ('125') then mostfreqdiag=1; else mostfreqdiag=0;
label mostfreqdiag='most frequent diagnosis'
run;
```

```
proc freq data=diagcat;
by hdgHraEncWID;
run;
```

```
data new work.generatetable;
input diagcat $ freqdiag;
datalines;
110 447
125 527
E87 282
O70 311
Y83 368
;
run;
```

```
data new work.mostfreqdiag;
input mostfreqdiag $ freqcount;
datalines;
125 527
;
run;
```

```
proc contents data=work.spinedata;
run;
```

```
proc freq data=work.spinedata order=freq;
table hraPatWID;
title "patients count";
run;
```

```
proc sql;
select count (*) as N from work.spinedata;
table hraPatWID;
quit;
```

```
proc freq data=work.spinedata order=freq;
table hraPatWID;
run;
```

```
proc summary data=work.spinedata;
by hraPatWID;
output;
run;
```

```
proc freq data=sasuser.visits;
run;
```

```
proc sort data=work.spinedata;
by hraPatWID hraGenderCd;
run;
```