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/*****
NAME: C:\Users\legof\Desktop\M403\SAS Final\Task 2\Task_2_Program.sas
DATE: 12.3.2019
CREATED BY: Stephen Li
PURPOSE: Code for the SAS Final Task 2
*****/
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```
Title1 "Stephen Li (Final)";
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```
libname task2 "C:\Users\legof\Desktop\M403\SAS Final\Task 2";
```

```
PROC IMPORT OUT= TASK2.SURVEYDATA
    DATAFILE="C:\Users\legof\Desktop\M403\SAS Final\Task 2\SAS Survey Data Fall 2019.xlsx"
    DBMS=EXCEL REPLACE;
    RANGE="'Revised Data$'";
    GETNAMES=YES;
    MIXED=NO;
    SCANTEXT=YES;
    USEDATE=YES;
    SCANTIME=YES;
RUN;
```

```
Option pageno=1;
Option formdlm='-';
```

```
/* Proc Format */
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```
Proc Format;
```

```
value    answerft    0 = "No"
                    1 = "Yes";

value    q5ft         1 = "No experience whatsoever"
                    2 = "A little experience"
                    3 = "Some experience"
                    4 = "A good bit of experience"
                    5 = "A lot of experience";
```

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Run;
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```
Data task2.data;
    set task2.surveydata;
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/* Labels */
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```
Label    id          = 'ID Number'
        q3a          = '[Biostatistics 403A] Have you taken any other
courses that used SAS as part of the curriculum:'
        q3b          = '[Biostatistics 406] Have you taken any other
courses that used SAS as part of the curriculum:'
        q3c          = '[Epidemiology 410] Have you taken any other courses that used SAS as part
of the curriculum:'
        q3d          = '[Other (specify)] Have you taken any other courses that used SAS as part
of the curriculum:'
        q3d1         = 'Written answer for q3d'
        q4a          = '[Statistics/Biostatistics courses] Have you taken any of the following
courses?'
        q4b          = '[Epidemiology courses] Have you taken any of the following courses?'
        q4c          = '[Environmental Health courses] Have you taken any of the following
courses?'
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q4d      = '[Community Health Science courses] Have you taken any of the following
courses?'
q4e      = '[Health Services courses] Have you taken any of the following courses?'
q5       = 'How much SAS experience do you have?'
q6a      = '[8] If you have had experience with SAS, what version(s) have you used?'
q6b      = '[9.1] If you have had experience with SAS, what version(s) have you used?'
q6c      = '[9.2] If you have had experience with SAS, what version(s) have you used?'
q6d      = '[9.3] If you have had experience with SAS, what version(s) have you used?'
q6e      = '[9.4] If you have had experience with SAS, what version(s) have you used?'
q6f      = '[9.5] If you have had experience with SAS, what version(s) have you used?'
q6g      = '[University Edition] If you have had experience with SAS, what version(s)
have you used?'
q6h      = '[Enterprise Guide] If you have had experience with SAS, what version(s)
have you used?'
q6i      = '[I have never used SAS before] If you have had experience with SAS, what
version(s) have you used?'
q11a     = '[Friend(s)] Where did you hear about EPID M403?'
q11b     = '[Graduate advisor(s)] Where did you hear about EPID M403?'
q11c     = '[Employer(s)] Where did you hear about EPID M403?'
q11d     = '[Parent(s)] Where did you hear about EPID M403?'
q11e     = '[Flyer(s)] Where did you hear about EPID M403?'
q11f     = '[Course requirement] Where did you hear about EPID M403?'
q11g     = '[Other (Please specify:)] Where did you hear about EPID M403?'
q11g1    = 'Written answer for q11g'
q14a     = '[A local health department?] Are you planning to seek employment at...'
q14b     = '[The Centers for Disease Control and Prevention?] Are you planning to
seek employment at...'
q14c     = '[A pharmaceutical company?] Are you planning to seek employment at...'
q14d     = '[Community-based organization?] Are you planning to seek employment at...'
q14e     = '[College/University?] Are you planning to seek employment at...'
q14f     = '[Other (Please specify:)] Are you planning to seek employment at...'
q14f1    = 'Written response for q14f'
q20b     = 'Are you seeking any internships that require you to know SAS?'
q22a     = '[a] List other courses in data analysis you would like UCLA SPH to offer:'
q22b     = '[b] List other courses in data analysis you would like UCLA SPH to offer:'
q22c     = '[c] List other courses in data analysis you would like UCLA SPH to offer:'
q22d     = '[d] List other courses in data analysis you would like UCLA SPH to offer:'
;
Format q3a -- q3d q4a -- q4e q6a -- q11g q14a -- q14f q20b answerft. q5 q5ft.;
Run;

/* Proc Contents */

Proc Contents data=task2.data varnum;
    Title2 "Proc Contents of task2.data";
Run;

/* ODS Frequency Distribution */

ods excel file= "C:\Users\legof\Desktop\M403\SAS Final\Task 2\task2freq.xlsx";

Proc Freq data=task2.data;
    Title2 "Frequency distribution dataset: task2.data";
Run;

ods excel close;

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