**data** childrendata;

input CHILDID$ VISITTYPE$ AGE GENDER$ BMI\_Percent\_CDC;

cards;

100B BASELINE 11 M 83

100B POST-INT 11 M 84

100B 3MONTHFU 11 M 70

100B 6MONTHFU 12 M 62

100B 9MONTHFU 12 M 70

101B BASELINE 11 F 99

101B POST-INT 11 F 99

101B 3MONTHFU 11 F 99

101B 6MONTHFU 12 F 99

101B 9MONTHFU 12 F 98

102B BASELINE 10 F 99

102B POST-INT 10 F 98

102B 3MONTHFU 10 F 98

102B 6MONTHFU 10 F 98

102B 9MONTHFU 11 F 98

105B BASELINE 8 F 86

105B POST-INT 9 F 92

105B 3MONTHFU 9 F 88

105B 6MONTHFU 9 F 88

105B 9MONTHFU 9 F 86

105C BASELINE 11 M 46

105C POST-INT 11 M 48

105C 3MONTHFU 11 M 49

105C 6MONTHFU 12 M 51

105C 9MONTHFU 12 M 50

106B BASELINE 11 F 70

106B POST-INT 11 F 74

106B 3MONTHFU 12 F 80

106B 6MONTHFU 12 F 79

106B 9MONTHFU 12 F 81

;

**data** adultsdata;

input ADULTID$ VISITTYPE$ BMI;

cards;

100A BASELINE 35.9

100A POST-INT 35.6

100A 3MONTHFU 34.4

100A 6MONTHFU 36.5

100A 9MONTHFU 35.5

101A BASELINE 43.2

101A POST-INT 42.9

101A 3MONTHFU 42.9

101A 6MONTHFU 42.9

101A 9MONTHFU 42.5

102A BASELINE 31.1

102A POST-INT 30.6

102A 3MONTHFU 29.2

102A 6MONTHFU 28.0

102A 9MONTHFU 28.1

102C BASELINE 30.8

105A BASELINE 31.8

105A POST-INT 31.3

105A 3MONTHFU 31.0

105A 6MONTHFU 31.2

105A 9MONTHFU 31.3

106A BASELINE 50.6

106A POST-INT 50.6

106A 3MONTHFU 50.4

106A 6MONTHFU 50.2

106A 9MONTHFU 49.5

106C BASELINE 26.6

106D BASELINE 26.4

;

/\* Limit the data for children to only those whose percent BMI at baseline is 85% or above or whose percent BMI at the baseline is 75% and the parent’s BMI is at least 25. \*/

**proc** **sql**;

create table temp as

select a.childid, a.visittype, a.age,

a.gender, a.bmi\_percent\_cdc, b.adultid, b.visittype as avisittype, b.bmi

from childrendata as a, adultsdata as b

where substr(a.childid,**1**,**3**)=substr(b.adultid,**1**,**3**) and

a.visittype=b.visittype and substr(b.adultid,**4**,**1**)='A';

select \* from temp

quit;

**proc** **sql**;

create table cleandata as

select childid, visittype, age, gender, bmi\_percent\_cdc, bmi

from temp

where childid in (select childid from temp where(bmi\_percent\_cdc>=**85**

or (bmi\_percent\_cdc>=**75** and bmi>=**25**) and visittype='BASELINE'));

select \* from cleandata;

**quit**;