7-1-1)

**data** data1;

input id gender$ height weight year;

cards;

1 M 172 65 92

3 M 189 89 97

5 F 163 47 95

2 F 167 52 95

;**run**;

**data** data2;

input id gender$ height weight year;

cards;

4 F 160 45 93

7 M 192 85 91

6 M 168 57 92

8 M 183 62 98

;**run**;

**data** total;

set data1 data2;

**run**;

**proc** **sort** data=total;by id;**run**;

7-1-2)

**data** data1;

input id gender$ height weight year;

cards;

1 M 172 65 92

3 M 189 89 97

5 F 163 47 95

2 F 167 52 95

;**run**;

**data** data2;

input id gender$ height weight year;

cards;

4 F 160 45 93

7 M 192 85 91

6 M 168 57 92

8 M 183 62 98

;**run**;

**data** total;

set data1 data2;

**run**;

**proc** **sort** data=total;by id;**run**;

**data** male;

set total;

if gender='M' then output male;

7-2

**DATA** INFOR;

input id gender$ class$;

cards;

1 M NO

5 F NO

2 M YES

3 F NO

;**run**;

**DATA** SCORE;

input id dept$ mid final;

cards;

1 ENGL 30 50

2 STAT 55 70

3 ECON 62 90

5 STAT 48 87

;**run**;

**proc** **sort** data=infor;

by id;

**run**;

**proc** **sort** data=score;

by id;

**run**;

**data** combined;

merge infor score;

by id;

**run**;

7-3

**data** single;

input SUBJECT treat1 treat2 treat3;

cards;

1 10 11 12

2 20 21 22

3 30 31 32

;

**run**;

**data** multiple;

set single;

array treats[**3**] treat1-treat3;

do TIME=**1** to **3**;

TREAT=treats[Time];output;

end;

drop treat1-treat3;

**run**;

7-4

**data** chicken;

do VARIETY='A','B','C';

do SARYO=**1** to **4**;

input weight@@;

output;

end;

end;

cards;

55 61 169 42

49 112 137 97

42 30 169 81

;**run**;

7-5

**data** city;

input INCOME COST;

cards;

50 115

10 35

20 75

30 85

40 115

;**run**;

**proc** **means** mean noprint data=city;

var income cost;

output out=out\_city(keep=m\_income m\_cost)

mean=m\_income m\_cost;

**run**;

**data** city1;

merge city out\_city;

if m\_income=**.** then m\_income=**30**;

if m\_cost=**.** then m\_cost=**85**;

do \_n\_=**1** to **5**;

RATIO1=income/m\_income

;end;

do \_n\_=**1** to **5**;

RATIO2=cost/m\_cost;

end;

drop m\_income m\_cost;

**run**;

(모르겠음)