

중간고사 SAS Code(2018 2학기)

1.

```
data ex1;
  input i @@;
cards;
0 1 2 3 4 5 6 7 8 9
;run;

data ex1_1;
  set ex1;
  A= i in (0, 1, 3, 5, 7);
run;
```

2.

```
data ex2;
input ht1-ht5 wt1-wt5;
cards;
185 165 178 172 168 82 62 77 70 73
175 169 174 155 184 77 71 75 65 77
165 173 173 176 170 58 75 68 66 70
177 158 166 169 159 72 55 67 66 60
;run;

data ex2_1;
set ex2;
array ht{5} ht1-ht5;
array wt{5} wt1-wt5;
array dens{5};
do i=1 to 5;
  dens{i}=wt{i}/ht{i}**2;
end;

proc print data=ex2_1(keep= dens1-dens5);
run;
```

3.

```
data ex3;
infile 'E:\data\dates.txt' truncover;
input Name $11. +1 BirthDate date9. +1 IssueDate mmddyy10.;
ExpireDate = IssueDate + (365.25*3);
ExpireQuarter = QTR(ExpireDate);

proc print data=ex3;
format IssueDate mmddyy8. ExpireDate weekdate17.;
title 'SAS Dates without and with Formats';
run;
```

4.

```
data one;
input obs name $ blood $;
cards;
1 kang A
2 kim O
3 lee A
4 oh A
5 kang A
6 kim O
7 lee A
;run;

proc sort data=one;by name;run;
data two;
retain oldname;set one;
if name=oldname then delete;
oldname=name;drop oldname;run;
```