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Assignment 1

1. Code

```
/******data0*****/
/*******/
data data0;
input date date9.;
format date date9.;
datelines;
16MAR2005
;
proc print data=data0;
    title 'data0 with date9. format';
run;

/******data1*****/
/*******/
data data1;
input date date9.;
format date mmddyys8.;
datelines;
16MAR2005
;

proc print data=data1;
    title 'data1 with mmddyys8. format';
run;

/******data2*****/
/*******/
data data2;
input date date9.;
format date mmddy8.;
datelines;
16MAR2005
;
proc print data=data2;
    title 'data2 with mmddy8. format';
run;

/******data3*****/
/*******/
data data3;
input date date9.;
format date mmddy10.;
```

```

datelines;
16MAR2005
;
proc print data=data3;
    title 'data3 with mmddyyd10. format';
run;

```

```

/*****data4*****/
/*****/
data data4;
input date date9.;
format date yymmddn8.;
datelines;
16MAR2005
;
proc print data=data4;
    title 'data4 with yymmddn8. format';
run;

```

```

/*****data5*****/
/*****/
data data5;
input date date9.;
format date date11.;
datelines;
16MAR2005
;
proc print data=data5;
    title 'data5 with date11. format';
run;

```

```

/*****data6*****/
/*****/
data data6;
input date date9.;
format date date7.;
datelines;
16MAR2005
;
proc print data=data6;
    title 'data6 with date7. format';
run;

```

```

/*****/
data datepractice;
set data0 - data6;
run;
proc print data=datepractice;
    title 'Check SET statement';
run;

```

2. Result

data0 with date9. format

Obs	date
1	16MAR2005

data1 with mmddys8. format

Obs	date
1	03/16/05

data2 with mmddyyd8. format

Obs	date
1	03-16-05

data6 with date7. format

Obs	date
1	16MAR05

Check SET statement

Obs	date
1	16MAR2005
2	16MAR2005
3	16MAR2005
4	16MAR2005
5	16MAR2005
6	16MAR2005
7	16MAR2005

data3 with mmddyyd10. format

Obs	date
1	03-16-2005

data4 with yymmddn8. format

Obs	date
1	20050316

data5 with date11. format

Obs	date
1	16-MAR-2005