

```
/* 1. IFC: */  
/* IFC(COLUMN_NAME=VALUE_NAME,TRUE_VALUE,FALSE_VALE,MISSING_VALUE) */  
/* IFC USE FOR CHARACTER VALUE. */  
/* IFN USE FOR NUMERIC VALUE. */
```

```
DATA SAMPLE;  
SET WORK.cond;  
S_GEN=IFC(GENDER="FEMALE","F","M","NA");  
N_GEN=IFN(GENDER="FEMALE",0,1);  
RUN;
```

```
/* 2. HOW TO COPY TABLE FROM ONE LIBRARY TO OTHER LIBRARY: */
```

```
/* a. IF YOU WANT TO COPY ONLY ONE TABLE: */
```

```
PROC COPY IN=LA OUT=MD;  
SELECT B9;  
RUN;
```

```
/* b. IF YOU WANT TO COPY MORE THAN ONE TABLES: */
```

```
PROC COPY IN=LA OUT=MD;  
SELECT B9 OU KAG;  
RUN;
```

```
/* c. IF YOU WANT TO COPY ALL TABLES: */
```

```
PROC COPY IN=LA OUT=MD;  
RUN;
```

```
/* 3. CONVERT TO DATE FORMAT: */
```

```
/* 3.1. LONG WAY;--> MDY: */
```

```
DATA TEST;  
SET WORK.d_data;  
MONTH=INPUT(SUBSTR(COMPRESS(PUT(DATE,BETS.)),3,2),Z2.);  
DAY=INPUT(SUBSTR(COMPRESS(PUT(DATE,BETS.)),1,2),Z2.);  
YEAR=INPUT(SUBSTR(COMPRESS(PUT(DATE,BETS.)),5,4),Z4.);  
  
FORMAT NEW_DATE DATE9.;  
NEW_DATE=MDY(MONTH,DAY,YEAR);  
RUN;
```

```
/* 3.2. SHORT WAY:-->FORMAT: */
```

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```
DATA TEST;  
SET WORK.d_data;  
MONTH=INPUT(SUBSTR(COMPRESS(PUT(DATE,BETS.)),3,2),Z2.);  
DAY=INPUT(SUBSTR(COMPRESS(PUT(DATE,BETS.)),1,2),Z2.);  
YEAR=INPUT(SUBSTR(COMPRESS(PUT(DATE,BETS.)),5,4),Z4.);  
  
FORMAT NEW_DATE_V1 DATE9.;  
NEW_DATE_V1=INPUT(PUT(DATE,8.),DDMMYY8.);  
RUN;
```

```
/* 4. EXPORT A FILE: */
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```
PROC EXPORT DATA=SASHELP.CARS  
    OUTFILE="/home/u63730693/my_sas/CAR.xlsx"  
    DBMS=xlsx REPLACE;  
RUN;
```