

PROC COPY

This copy procedure is useful for copying SAS data library entries from one device to another. We can copy whole SAS data Sets from one library to another (or) select the members which we want to copy.

Syntax:-

```
PROC COPY IN = LIBNAME OUT = LIBNAME <OPTIONS>;  
SELECT MEMBER – LIST;  
EXCLUDE MEMBER - LIST;  
RUN;
```

In = Libname: - Refers the SAS library containing the members that are to be copied.

Out= Libname: - Refers to the SAS library into which members are copied.

Select: - Select the member type will be processed by proc copy.

Exclude: - Select the member type will not be processed by proc copy

Examples:-

Libname RK "D:\STANSYS\SAS\LIBRARY";

Libname RAM "E:\ STANSYS\SAS\LIBRARY";

Create RK Library and store some datasets in RK library.

Copy/Exclude those datasets from RK library to Ram library.

```
PROC COPY IN= RK OUT = RAM;  
SELECT DEMO1 DEMO5;  
RUN;
```

```
PROC COPY IN= RK OUT = RAM;  
EXCLUDE DEMO2 DEMO5;  
RUN;
```

Option:-

Memtype=Data |View |All: - Specify member types which you want to copy like **DATA**, **VIEW**, or **ALL**, which includes DATA and VIEW.

```
PROC COPY IN= RK OUT = RAM MEMTYPE=VIEW;  
EXCLUDE DEMO2 DEMO5;  
RUN;
```

Just it copy's datasets, so it's available in existing library also.

Interview Questions

- 1) What is Proc Copy? Syntax of Proc Copy?
- 2) Create libraries with the name of SAS_EX1 and SAS_EX2
- 3) Create some datasets like DS1 DS2 DS3 DS4 DS5 Under SAS_EX1 Library
- 4) Copy DS1 DS5 datasets from SAS_EX1 Library to SAS_EX2 Library
- 5) Exclude DS2 DS3 Datasets while copying from SAS_EX1 Library to SAS_EX2 Library
- 6) What is in=library in Proc copy
- 7) What is out=library in Proc copy
- 8) What select in Proc copy
- 9) What exclude in Proc copy
- 10) When can we use Select statement& when we can use Exclude statement?
- 11) How can you copy only datasets from SASHELP library to SAS_EX1 library?
- 12) How can you copy only views from SASHELP library to SAS_EX1 library?
- 13) How can you copy only catalogs from SASHELP library to SAS_EX1 library?
- 14) What is MEMTYPE option ?