

```
/* PROC SURVEY SELECT: */
```

```
PROC PRINT DATA=SASHELP.CARS; RUN;
```

```
/* a. SIMPLE EXAMPLE: */
```

```
/* SCENARIO-1: */
```

```
/* IT WILL SHOW ONLY 10 RECORDS WITH ALL COLUMNS. */
```

```
/* SRS--> SIMPLE RANDOM SAMPLING */
```

```
PROC SURVEYSELECT DATA=SASHELP.CARS OUT=SR_CARS METHOD=SRS SAMPSIZE=10;  
RUN;
```

```
PROC PRINT DATA=SR_CARS; RUN;
```

```
/* SCENARIO-2: */
```

```
/* IT WILL SHOW ONLY 10% RECORDS WITH ALL COLUMNS. */
```

```
PROC SURVEYSELECT DATA=SASHELP.CARS OUT=SR_CARS METHOD=SRS RATE=.10;  
RUN;
```

```
PROC PRINT DATA=SR_CARS; RUN;
```

```
/* SCENARIO-3: */
```

```
/* IT WILL SHOW ONLY 10% RECORDS WITH SOME SPECIFIC COLUMNS. */
```

```
PROC SURVEYSELECT DATA=SASHELP.CARS OUT=SR_CARS METHOD=SRS RATE=.10;  
ID MAKE TYPE MODEL ORIGIN;  
RUN;
```

```
PROC PRINT DATA=SR_CARS; RUN;
```

```
/* SCENARIO-3: */
```

```
/* STRATA SAMPLING: */
```

```
/* IT WILL SHOW ONLY 10% RECORDS WITH SOME SPECIFIC COLUMNS. */
```

```
PROC SORT DATA=SASHELP.CARS OUT=CARSS; BY DRIVETRAIN; RUN;  
PROC SURVEYSELECT DATA=CARSS OUT=SR_CARS METHOD=SRS SAMPSIZE=2;  
ID MAKE TYPE MODEL ORIGIN DRIVETRAIN;  
STRATA DRIVETRAIN;  
RUN;
```

```
PROC PRINT DATA=SR_CARS; RUN;
```