

```
*SAS Subsetting Datasets;
/*
  While subsetting of variables is done by using KEEP and DROP statement,
  the sub setting of observations is done using DELETE statement.
*/
*Subsetting Variables;
/*Syntax
KEEP var1 var2 ... ;
DROP var1 var2 ... ;
*/
```

```
DATA Employee;
  INPUT empid ename $ salary DEPT $ ;
DATALINES;
1 Rick 623.3 IT
2 Dan 515.2 OPS
3 Mike 611.5 IT
4 Ryan 729.1 HR
5 Gary 843.25 FIN
6 Tusar 578.6 IT
7 Pranab 632.8 OPS
8 Rasmi 722.5 FIN
;
RUN;
```

```
DATA OnlyDept;
  SET Employee;
  KEEP ename DEPT;
  RUN;
PROC PRINT DATA = OnlyDept;
RUN;
```

```
*Dropping rows;
```

```
DATA Employee;
  INPUT empid ename $ salary DEPT $ ;
DATALINES;
1 Rick 623.3 IT
2 Dan 515.2 OPS
3 Mike 611.5 IT
4 Ryan 729.1 HR
5 Gary 843.25 FIN
6 Tusar 578.6 IT
7 Pranab 632.8 OPS
8 Rasmi 722.5 FIN
;
RUN;
```

```
DATA OnlyDept;
  SET Employee;
  DROP empid salary;
  RUN;
PROC PRINT DATA = OnlyDept;
RUN;
```

```
*Subsetting Observations;
*Syntax : IF Var Condition THEN DELETE ;
```

```
DATA Employee;
  INPUT empid name $ salary DEPT $ ;
DATALINES;
1 Rick 623.3 IT
2 Dan 515.2 OPS
3 Mike 611.5 IT
4 Ryan 729.1 HR
5 Gary 843.25 FIN
6 Tusar 578.6 IT
7 Pranab 632.8 OPS
8 Rasmi 722.5 FIN
;
RUN;
```

```
DATA OnlyDept;
  SET Employee;
  IF salary < 700 THEN DELETE;
  RUN;
PROC PRINT DATA = OnlyDept;
RUN;
```