y Local dataset CLASS - 7 date a (deap = fee weight) b (keep = height sex) c set sasuser. admit (deap = id); name = name; drop name; Global dataset sun;

Explenation

- 1. Deep = id will control the input.
- 2. deep name is a statement and this will impact dataset a, b and c.
- Eg: In dataset 'a' -> id, name, fre, weight will

Both O and a are global dataset option but still statement (1) is better while oftimizing code.

Proj-1

data a;

set sasuser. admit;

age-m=age * 12;

where age-m gt 400;

run;

Pigs

data a;

set sasurer. admit;

age-m = age *12;

where age *12 gt 400;

run;

Peog-1 - It ville not sun and show errow as new variable is not cuated yet which is used with where condition . i-e- (age-m).

Interview Question

If an interviewer asks for filter whith where's only then in that case refer to prog 2- Apply filter to existing variable only with the required condition.

Here the new variable 'age-m' is not used but the definition 'age × 12' is used with whore and age greater than 400 will be displayed.

Perogram

data a;

set sasuser admit;

n= age = 40;

run;

This will create a boolean variable (x = age = 40) wherever the age will be 40, it will display 11' and in other cases '0'.

This is the substitute of 'y else if' but only creates a boolean variable. Interview question

Other example

1	ID	Name	Sex	Age	Date	x
	10	Neha	+	34	3	0
	11	Priya	f	40	8	1
1	12	Gamar	M	41	4	0
1	13	Radha	f	40	5	1
	14	Shyam	М	42	17	0

Another examples data a', data a; set sasuser admit; set sasuser. admit; on= actlevel IN ("HIGH" "LOW"); n=age gt 40; run', sun', data a', All the records set sasuser admit; y greater than 40k50 will n=age gt 40; display the result y = age gt 50; as '1'. \$ if x= 1 and y=1; un', can be written as - lif x and y; It will by default take the value "!

(By group) Boolean Assignment proc sort data = sasuser. admit out=a; by sex; sorted by sex min; and output goes into a'. ods html file = "C: - path - "; proc print data = a; sum fre ; by sex; lun', ods Atml close; Note: which ever data set we want to print,

Note: which ever data set we want to peint, it should be sorted flut, only then we can use 'by'.

Here dataset 'a' is sorted by sex. So, in the output two reports will be generated. I female report is generated separately with the fee total and male report is generated separately with separately with fee total and a grand total at the end.

D there if we use 'by age', then it will not un es dataset 'a' is not sorted by age, it's sorted by sex. Another Sxample proc sort data = sasuser. cargorer out = a; by route; sure; ods html file = " proc print data = a; sum revourgo; by route; where reveargo gt 5000; ods html close; Inplanation - Here different reports of route like route 1, route 2 -- - route 6 vill be generated with respective sum of reveago and a grand total at the end.

```
Removing Duplicates
   data a',
   input roll no. names age;
   cards;
        10
   2 C 25
   3 K 25
   4 K 30
   5 K 35
   5 K 37
   5 K 37
  eun',
 poor sort data = a out = b nodupkey;
 by name;
 lun',
Note: Nodupky will remove duplicates of
the key mention with 'by' statement.
```

Here, by is used with name so, last four rows will be deleted as it contains the duplicate of names.

frother eg:

proc sort data = a out = b nodupkey;

by rell no name;

name vill be checked. As there is nothing common duplicate, so no row vill be deleted.

[Dupout] -> It will store the duplicates values reproved.

force sout data = a out = b dupout = c nodupkey
by roll-no name age;
run;

Sxplanation: a = b+c

'c' will stever the duplicate removed.