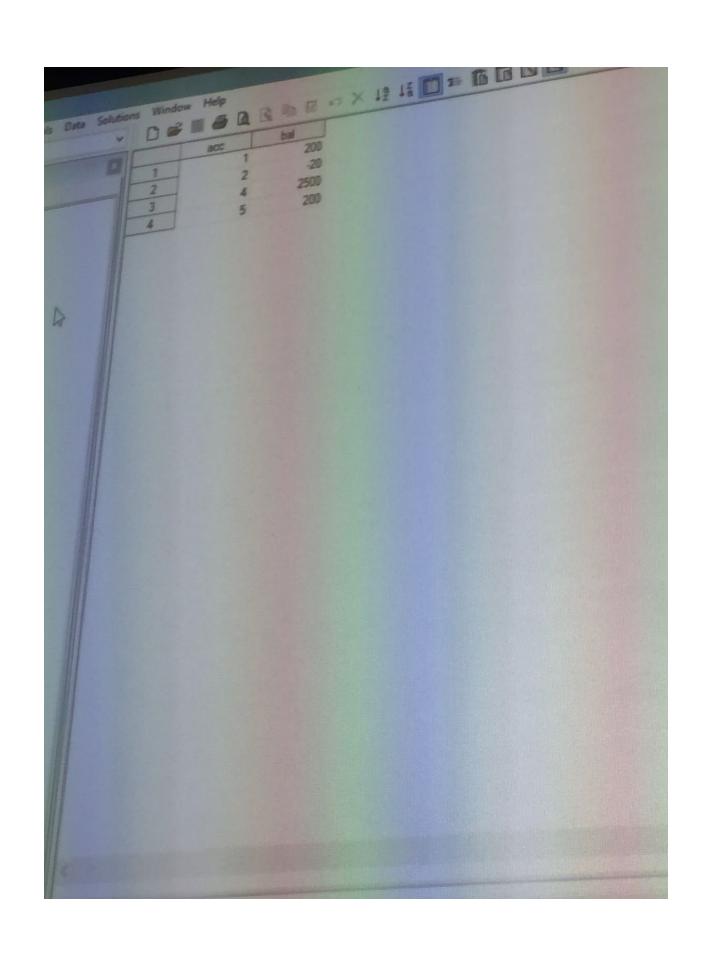
## **CLASS 5 NOTES**

0							
Program	•	the state of the s					
		Tracker stormaker than					
data	1,						
input	acc bal;	- y bal means if this					
if bal;		Jod means if this condition is true.					
		Means the value					
1 20		should not be zero.					
2 -2(	2 22 200 321	8					
3 0	0.0	I sav bloods up to when					
4 25	OU ALL	The way have fell and the terms of					
5 201		The was been ( M of 16) or					
; M	S 113 18	The on 1 the Man Andrews					
sun;							
	A 2 1	But become of the file					
0 10 to 10 t	ACOUNTY DE	Desire the court					
OUT	0.7						
		+ 110 . I V lame					
		baider of V larger					
	acc	bal					
	acc	bal 200					
1 2	acc 1	bal 200 -20					
	acc 1 2 4	bal 200 -20 2500					
1 2	acc 1	bal 200 -20					
2 3	acc 1 2 4	bal 200 -20 2500					
2 3	acc 1 2 4	bal 200 -20 2500					
2 3	acc 1 2 4 5	bal 200 -20 2500					
2 3 4	acc 1 2 4 5	bal 200 -20 2500					
Other case	acc 1 2 4 5 5	bal 200 -20 2500					
Other case	acc 1 2 4 5 5	bal 200 -20 2500 200					
Other case	acc  2 4 5  bal; § Ba he	bal 200 -20 2500 200					
Other case  if not  Means the	acc  2 4 5  bal; § Ba no e value	bal 200 -20 2500 200  alance should   acc   bal   t be true   1   3   0					
Other case  if not  Means the	acc  2 4 5  bal; § Ba he	bal 200 -20 2500 200  alance should   acc   bal   t be true   1   3   0					



Other examples I data a; set sasuser. admit;

if age or sex IN ("II" 13" "M");

Tun; "if age" -> If age is true means the value of age should not be zero or sex in (11 13 M) and sex only reads two values ("M" "f") so out of (11 13 M), it will read only M. But because of the 1st filter (if age), it is taking all the values so the whole data will be copied. I data a; set sasuser. admit; y age IN(11 13) on sex in ("M"); run, -> As there is no age value (11 12) in the data so all the male values will be

data a', set sasuser. admit;
if age [and] sex IN ("11" "13" "M");
eun; → Value of age should not be zero fand! all males whose age is not zero will be copied Buestion: Write code where age is between 30-50. data a; set sasuser. admit; for large use where age in (30:50); colon (:) sun; data a; set sasuer, admit; where age ge 30 and age le 50; run; I data a; set sasuser. admit; where 30 <= age <= 50; lun; data a; set saucer. admit ; where age between 30 and 50; sun;

proc print data = sasuser. admit;

eun;

The SAS System - (Default Title)

Obs ID Name Sex Age Height Weight fee

1 245 Ram M 34 152 72 85

						Manager of the Control of the Contro		8	
	Obs	· ID	Name	Sex	Age	Height	weight	fee	
-	000	245	Ram	M	34	152	72	85.2	-
				M	38	155	75	149.1	-
-	2	246	Shyam	C	42	177	55	152.2	
-	3	250	Seeta	+		182	56	124.0	
10000	4	254	Geeta	+	47		80	1121	
	5	257	Harry	M	35	150			1
	6	258	Johnson	M	57	118	66	1180	1
	7	2.86	Sonu	f	60	188	68	1242	1
	0	292	Monu	M	62	192	74	85-2	1
	1 8	1272	1 lance				SWITTER STATE OF THE STATE OF T		

8666666666666

Output is called listing data.

List -> The print of raw data is called list which is just a simple display of data and does not include formalting.

NEED OF PROC PRINT

1. Required for reporting.

proc print data = sasuser. admit; var age name; The SAS System authut Name 1 34 Ram Shiyam 36 Seeta 3 25 Geeta 24 Radha 'Name It will only print variables Working as 'KEEP print data = sasuser admit; fee Sex Name ID. 122 55 177 42 Seeta 250 124.0 182 56 47 Geeta 254 66 1181 118 57 M Johnson 258 68 188 124-2 60 M 286 Sonu 85.2 74 62 192 M 292 Mone observations are missing means in 1st two rows It only gives age was not greater the data se the obs. no. which is there 0 Proper count like (1,2,3---) is not displayed

proc print data = sasuser admit N; where age gt 40; Adding 'N'
will give the
observation number. The SAS System 030 ID Sex fee Name f 42 55 250 Seeta 112 177 Geeta 254 47 56 182 104 6 Johnson 23 258 188 118 51 286 Some 60 68 120 1/8 Money 292 62 111 74 121 N = 5 print data = sauser. admit N noobs; Adding noobs the observation The sAs system column. Name Weight fee Seeta 250 112 Geeta 182 56 254 104 John 188 258 66 118 57 120 sone 286 60

N=4

brint data = sasurer. admit N noobs; run; The SAS System fee Sex ID Name 112 177 42 f 250 Seeta 56 104 47 182 254 Geeta 118 66 188 M 57 258 Johnson 120 118 68 60 Sonu 286 M 121 62 111 74 M 292 Monu 286 N=5 Proc print and saves the output beac beint data = sasuser admit code will show error is not used because 'ig' As no buffer is created in is not If we want to put filter in proces I Another difference between if

Another example

proc print data = sasuser, admit N norobs; title! "Data of patients"; title? "Max Alaspital - GGM; footnote! "Data coreated by B 82"; footnote? "Menter: Amit"; sum age; where age gt 40 and sex = "M"; run;

## OUTPUT

Data of patients Max Hospital-GGM

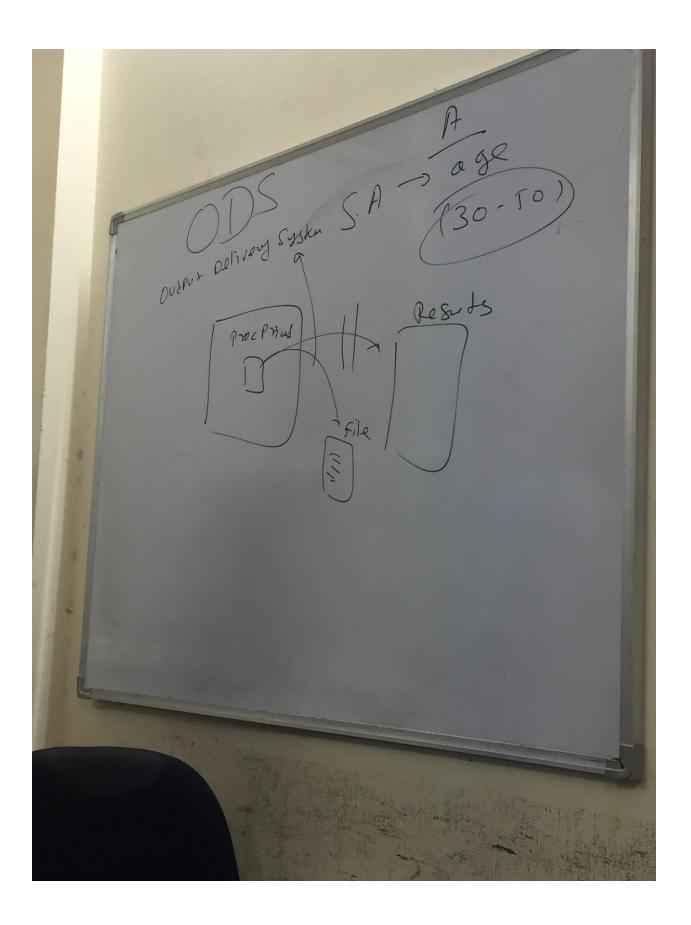
-	MAN DI	** ***********************************	3.76	NA TE		No. O. All				
	ID	Name	Sex	Age	Pate	Height				
	22	Ram	M	20	my	7)				
	44	Shyam	M	21	5	72				
	55	Sita	M	22	6	73				
-	66	Cuita	IM	23	1017	74				
-	86									
	N=Y									

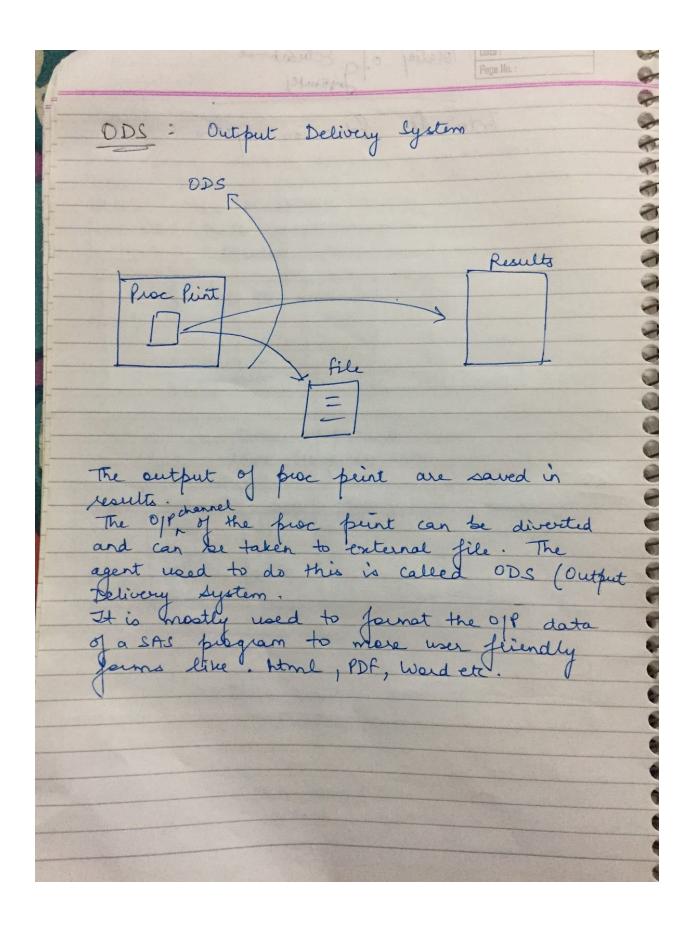
Data created by B 82 Menter: Amit

Note:

Max. title we tan take = 10 Ptitle 1 to title 103

Man. footnote me can take = 10 { footnote ! to footnote}





Enample ods pdy file = " C: \ --- physical path of file --- \ text. pdy ";
file name proc print data = sasurer. admit noobs; title 1 "Data of patients"; title 2 " Man Hospital"; footnote 1 " Data created by B 82;
footnote 2" Menton: Amit";
sum age;
where age gt 40 and len = "m";
run; ods pdf close; Data of patients 08:45 Sunday Feb 25, 2018 Max Hospital Sex Date Name 22 Ram M 20 44 Some 55 M 22 66 M Monu 86 N=4 Data created by B 82 Mentel: Amit

Note: Pate can be hard world.

## Data of patients Max Hospital-GGM

_	T.	Sex	Ane	Date	Height	Weight	ActLevel	Fee
10	Name			4	71	158	LOW	124.80
2539	LaMance, K	M	51				MOD	124.80
2578	Cameron, L	M	47	5	72	173	MOO	
	Underwood, K	М	60	22	71	191	LOW	149.75
2579				7	71	183	MOD	149.75
2595	Warren, C	M	54					1
1			212					1
				N = 4				

