

Name:

- 1 ID is the name for each participant and should not be used in calculations; Stress is the participant's stress score on a scale of 1-10; Work Hours refers to the number of hours worked per week for each participant. Note; Use the whole sample for all analyses.

ID Number	Job	Stress	Work Hours
1	Manager 7	50	
2	Cashier 6	40	
3	Cashier 4	40	
4	Stocks 3	32	
5	Cashier 4	40	
6	Stocks 8	48	
7	Stocks 2	32	
8	Stocks 2	32	
9	Manager 5	40	
10	Stocks 3	32	
11	Cashier 2	32	
12	Stocks 6	32	
13	Stocks 4	20	
14	Cashier 7	24	
15	Stocks 1	24	
16	Stocks 3	36	
17	Cashier 1	28	
18	Cashier 1	32	
19	Manager 1	48	
20	Cashier 9	40	
21			
22			
23			

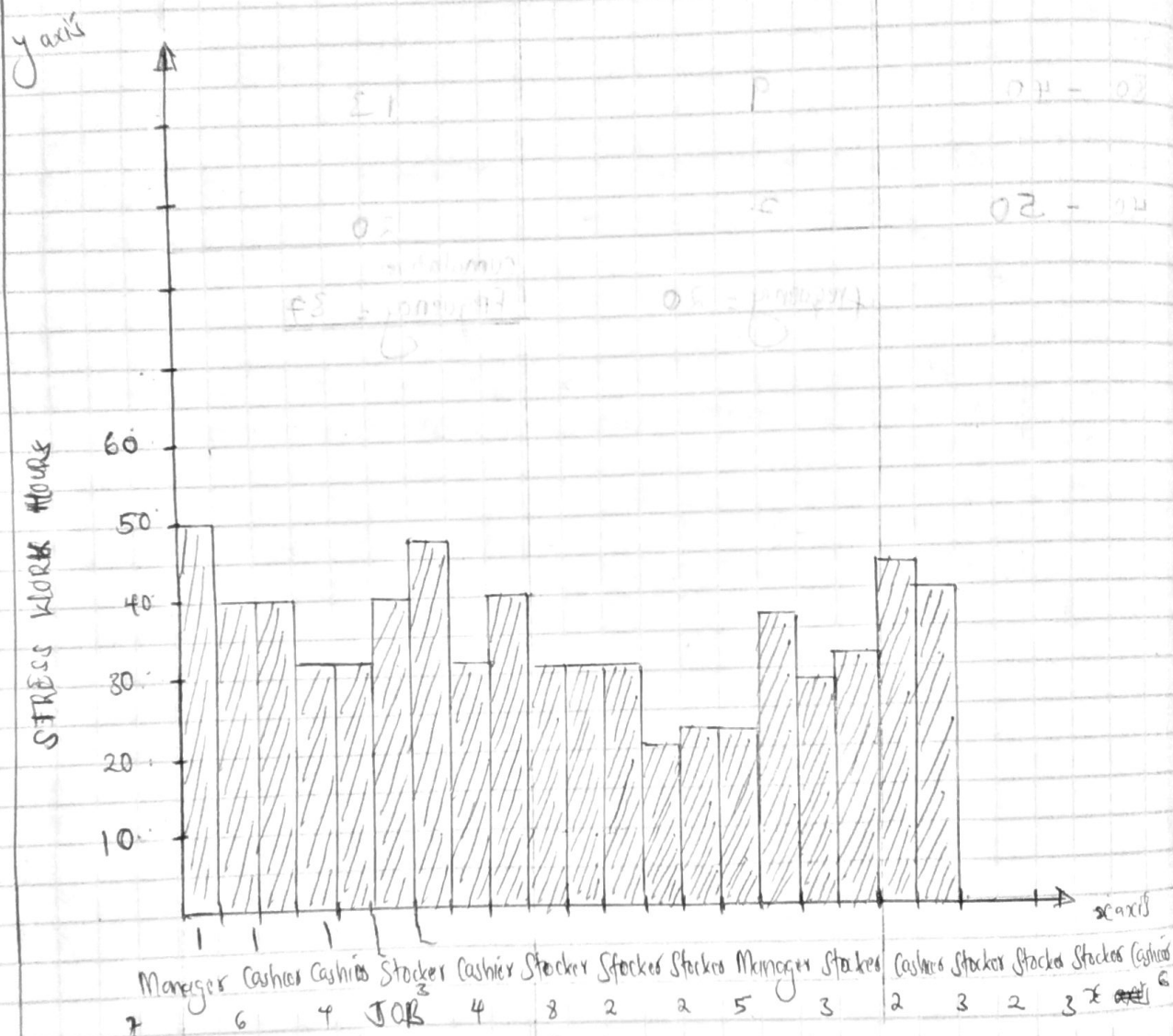
Class Interval/ Class limits	Frequency	Cumulative Frequency
20 - 30	4	4
30 - 40	9	13
40 - 50	7	20
	frequency = 20	<u>cumulative Frequency = 37</u>

Explain in 1-2 sentences why you should not create the table for prob.

- It is not analytical

- the module to be presented is not going to be detailed as recommended.

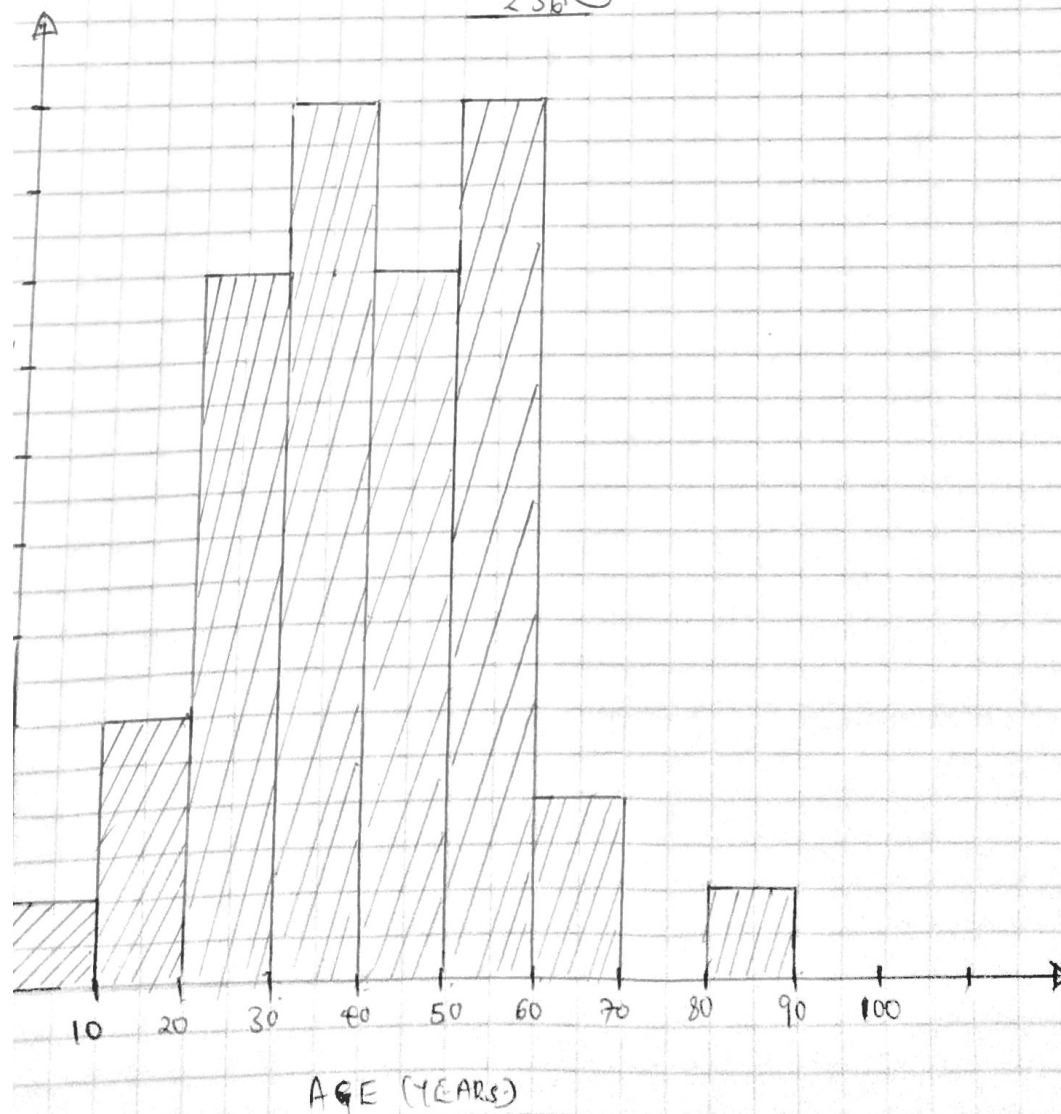
c) Decide which variable would be most appropriate for a bar graph and create one following all of the conventions we covered. Note: It is easiest to draw your graphs on separate paper and submit them as a scan. You can submit your scan with your word file OR you can complete your whole assignment on separate paper scan and submit as one document.



ii) Create a Histogram for the Age Data Below - Be sure to follow all conventions from our class

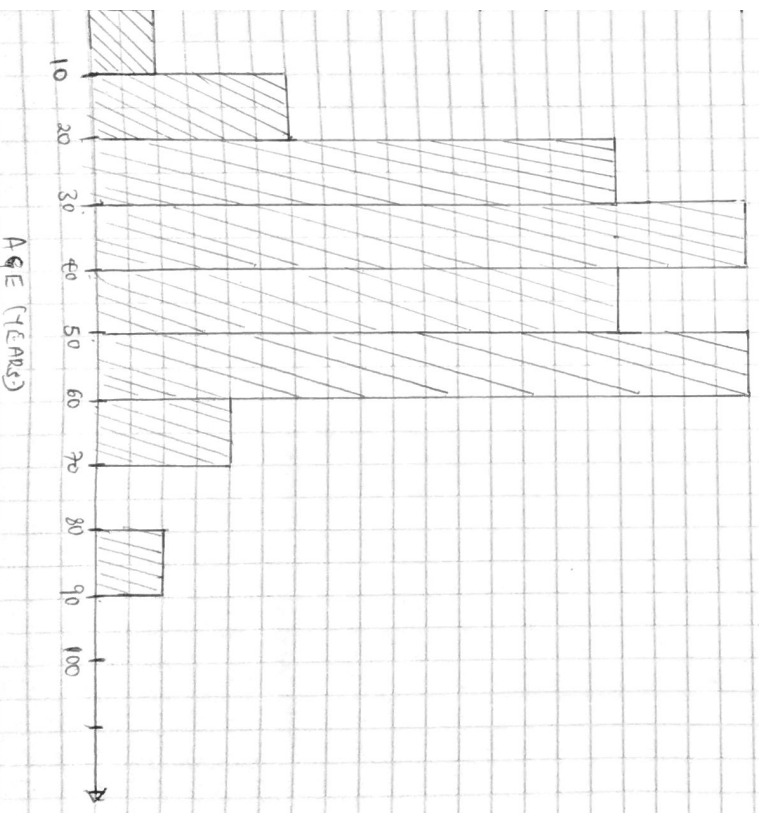
	<u>Age</u>							
8	21	27	35	38	45	52	64	
12	22	29	36	39	47	53	72	
15	25	30	36	42	48	58	74	
18	26	31	37	44	49	61	75	
20	26	33	38	44	50	62	81	

limits	Frequency	Cumulative frequency
10	1	1
20	3	4
30	8	12
40	10	22
50	8	30
60	10	40
70	2	42
80	0	42
90	1	43
frequency = 40		Cumulative frequency = 43



Frequency	Cumulative frequency
1	1
3	4
8	12
19	32
8	30
10	40
2	42
0	42
0	43
10	43

$\Sigma \text{frequency} = 40$
 $\Sigma \text{Cumulative frequency} = 236$



Class Limits	Frequency	Cumulative frequency
0 - 10	1	1
10 - 20	3	4
20 - 30	8	12
30 - 40	10	22
40 - 50	8	30
50 - 60	10	40
60 - 70	2	42
70 - 80	0	42
80 - 90	1	43
frequency = 40		Cumulative frequency = 43

