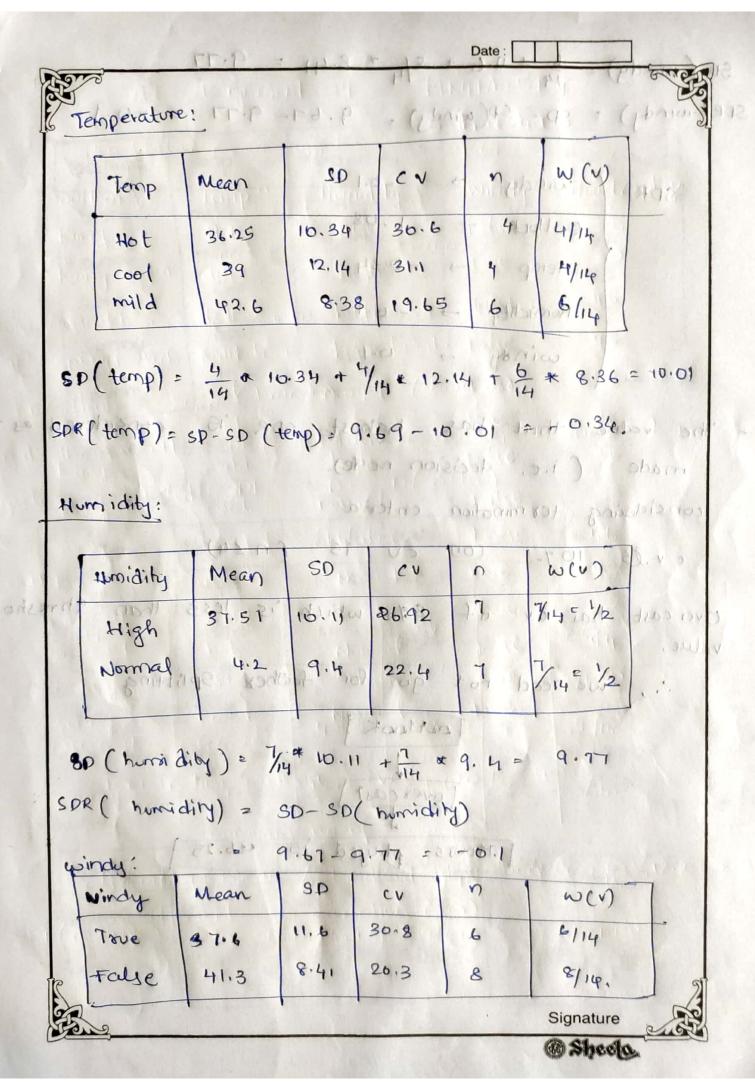
		122	Date:	
A1	- Assignment	- H	19K41A05E4	
. —			sinarsha.s	
Given dat	ta:	(refor	Mary Sall	97
outlook	Temp	Homidity	windy H	tourtro phy
Rainy	Hot	High	False	25
Rainy	Hot	high	True	30
overcat	Withot trans	1 high of	- talse	Later Co
Sunny	Mild by al	whigh or	Hartalse 100	45
Sunny	(cool	Normal	- False	52
overcast	cool	Normal	The	43
Rainy	mild	high	+alse Horse	3511 6
Rainiy	cool	normal	False Inter	1.38 slb
Sunny	mild	Normal	go False	46
Rainy	mild	Normal	TWE	48
over cast.	mild	·high	· True,	52
overcost'	hob	Normal	-Talse	440
sunny	wild	High	tove	30
sunny.	0001	Normal	TWE	23
6.13		60. 11	66.28	() with
lermi	nation criteri	ia: eve	= 101. (00)	
- 0	minimum	no of	Samples.	pana.
cal culat	oficient of	variation	deviation (	
	PR 3-113.1	( look)	) da . nis 4 (2)	100 De ( 10 cl 100)
No second				

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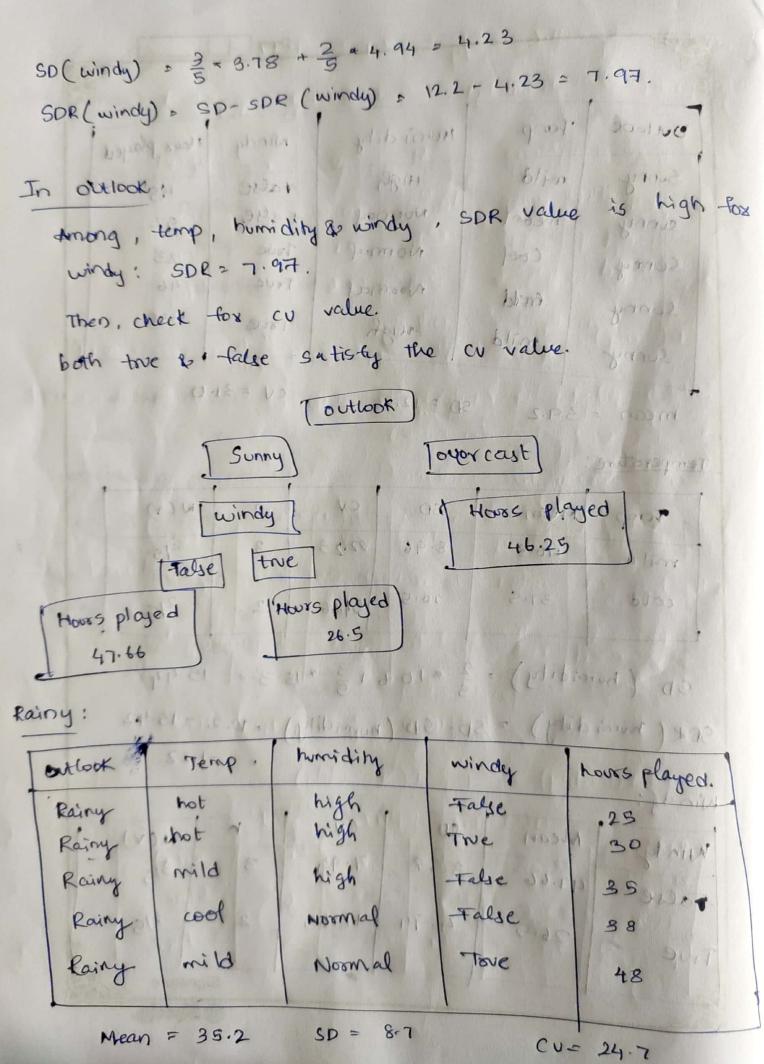


```
SD (windy) = 6 × 11.6 + 8/4 * 8.41 = 9.77
SDR(-windy) = SD - SD(windy) = 9.67-9.77 = 1-0.1
    3DR ( windy : > -0.1 ()?

Outlook - 1.08

Itemp : - 10.34 | 1.00
         11 Auridity -30-216. 1898 | 0.875 | 61500
   The value that has highest SDR 15 considered as 80
   made (i.e., decision node).
  considering termination criteria
   c v is 107- (00) cu is (n =4)
 overcost has in of 890 which is less than threshold
 value.
    ..., we need not go for further Spritting
                  Toutlook |
              10 ( 1 mod dily) = ( 11 mon of the 10 months of
                  [overcast]
               [ Hours played is 46.25
                10000 played 15 40.25
              20 200 200
                Talke 111.3 8-41 20.3 8
```

Dullook	Temp	Hurs'i dity	windy	Hous played
Sunny	blim	High	False	45
iped in	moola	nomal	Falle	9087 , 00
conny	Cool	Normal	True	23
Sunny	6noted	Normal	True	46
sonny	blim	augh	True	3300
Sunny	Prinz h. A.	) ONE BOOK	5237	ho suil a
mean =	39.2	SD = 12.2 0010	cy = 31.	O
	N. P. Sept.	ovol	(pring)	7
emperature,	in the training			
. Temp	Mean	so cv	Bries	NCN
mild	40.3	8.96 22.23	3	3/15
cold	37.5	20.5 5426	14/12	21501g
<u> </u>	The A	2.08		53019
	1.4:6.	2 10 . 3	* It 2 =	13.44
so (ho	marity) 1	5 10.67 =	13 -3	1
SD (hu SDR (humi				1
SDR ( humi	dity) = s	D-SD (normadi	m) = 12.2	- 13.42
	dity) = s	D-SD (normadi	my) = 12.2	- 13.42
SDR ( humi	dity) = s	D-SD (normadi	hy) = 12.2	1.22
SDR ( humi	dity) = s	D-SD (normadi	hy) = 12.2	1.22 1 10 Local 1.22 1 10 10 10 10 10 10 10 10 10 10 10 10 1
SDR ( humi vindy: Windy	dily) = s	D-SD (normadi	hy) = 12.2	1.22



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	Temperature:
	so remperature.
	Temp 3.53 12.13 2 215
	mild at P 41.5 9.19 22.144 2 2/5
9	Coel 38 . 38 . 3 Phone of 2 1,5
28	SD (temp) = = + 3.53 + 75 + 9.19 + 1 + 5 + 6 = 5.088
V	SDR (temp) = SD-SD (temp) = 8.7-5.068 = 3.612
	Humidity:
	Thursdity Mean 30 vo cv in well well
	high 30 5 16.66 3 3/5
1	normal 43 7.07 16.44 2 213
9,0	50 (humidity) = 3/5 * 5 + 3/5 * 7.07 = 5.828
6	SDR (humidity). SD- SD (humidity) = 8.7- 5.828.
	= 2/872 Des
	(2.de) (3.r)
	Signature

