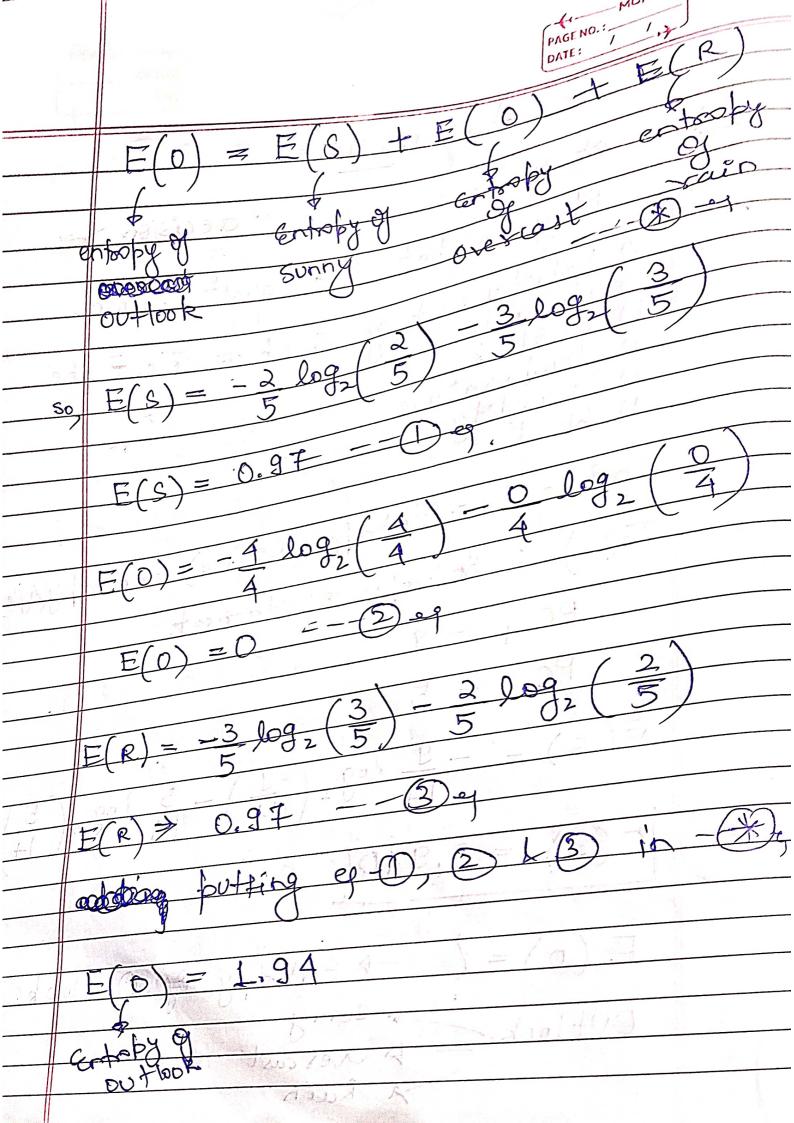
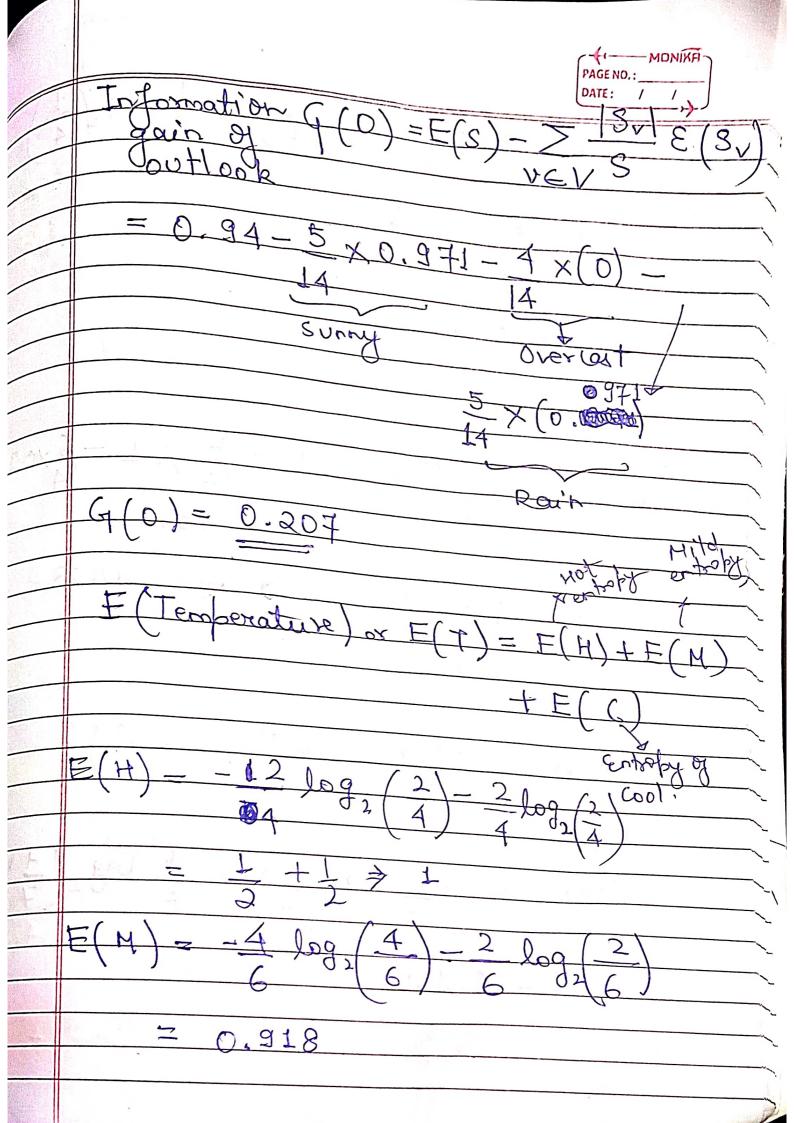
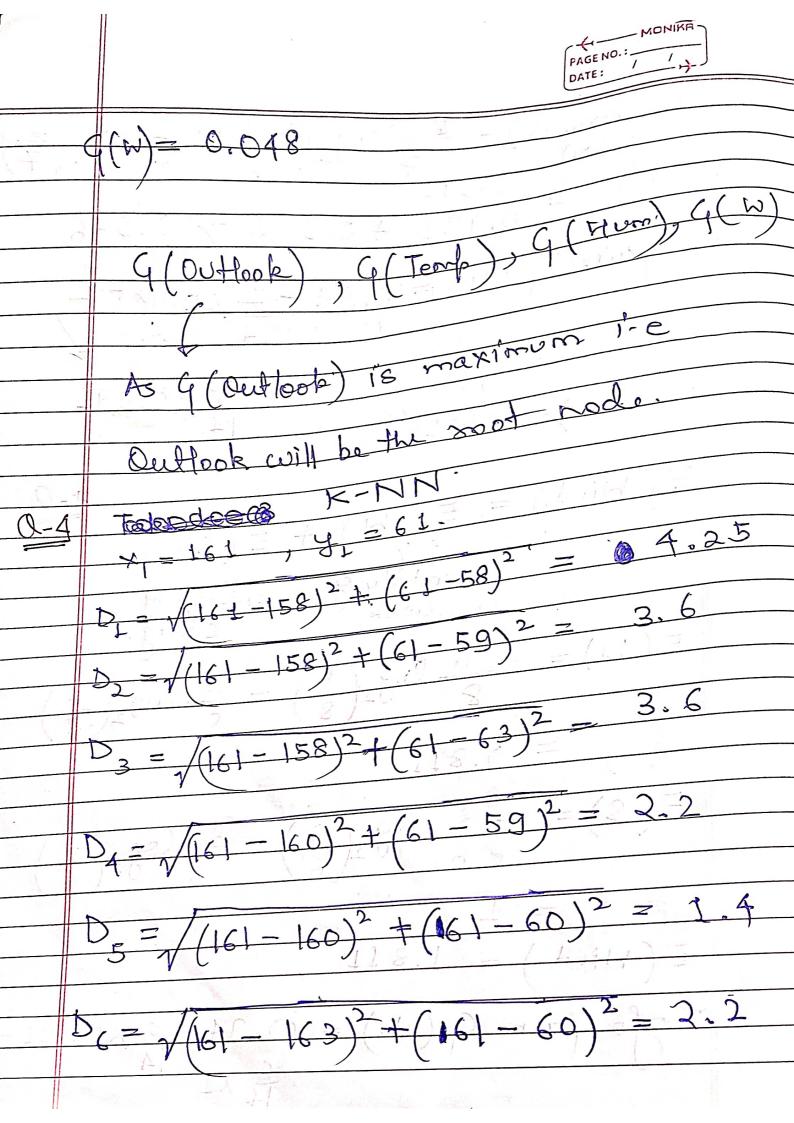
4	
	MONIKA)
	ASSIGN MODELLE DATE: / /
	Assignment ->
10-3	Let us
James Land	Plan de cision toes
colo	Play cricket - A touch
1	UQ colt
	Attributer out of Which we select the
	XOOTO OUT OF THE
	root pade of which we select the
	2) lemborat
	3) Hunsdity
	4) Wind
	Top
	Into gain = Entropy (Before) - Est 1.(1)
-	U C () STROBY A ZOW
	E(s): Entropy of dataset.
	of dataset.
	DC C
	PC + = 9
	DC.
	$PC_{-}=5$
	$E(\epsilon) = 900$
	$E(s) = -\frac{9}{14} log_2(\frac{9}{14}) - \frac{5}{14} log_2(\frac{5}{14})$
	14 02 (14) 1A 02 14
	14
	E(S) = 0.940
	E(0)= 1 - 4 Endady de 0.14=1
	C) CITION.
	Outlank sunny
	Outlook to sonny
	- Diercost
	A Rain







$$D_{7} = \sqrt{(161 - 163)^{2} + (161 - 61)^{2}} = 2$$

$$D_8 = \sqrt{(161 - 160)^2 + (61 - 64)^2} = 3.2$$

$$D_9 = \sqrt{(161 - 160)^2 + (61 - 64)^2} = 3.2$$

$$D_9 = \sqrt{(161 + 63)^2 + (61 - 64)^2} = 3.2$$

$$D_{10} = \sqrt{(161 - 165)^2 + (61 - 61)^2} = 4.0$$

$$D_{JL} = \sqrt{(161 - 165)^2 + (61 - 0)^2} = \frac{4.1}{805090}$$

$$D_{12} = \sqrt{(161 - 165)^2 + (61 - 65)^2} = 85.7$$

$$D_{13} = \sqrt{(161 - 168)^2 + (61 - 62)^2} = 60906$$

$$D_{14} = \sqrt{(161 - 168)^2 + (61 - 63)^2} = 600000$$

$$D_{15} = \sqrt{(61 - 168)^2 + (61 - 66)^2} = 2 + 606033$$

$$D_{16} = \sqrt{(161 - 170)^2 + (61 - 63)^2} = 9.400$$

$$D_{17} = \sqrt{(61 - 170)^2 + (61 - 64)^2} = \frac{3.486}{8.685}$$

