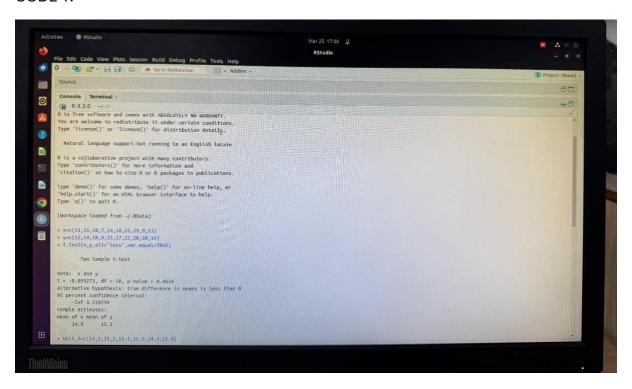
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Reg.No.: 23BCE2001

Lab Assesment-5 G. siddbath assection
Q±) suppose the recovery time for patients taking a new drug is measured (indays). A place to group is also used to avoid the place to Effect. The data are as follows.
Caith Drug 11 15 18 7 14 18 25 19 9 13 Place 60 12 14 18 9 15 17 22 20 10 14
Is there any significant different you the average effect of these two drugs?
Sy = C(12, 14, 18, 9, 15, 17, 22, 20, 10, 14) > Y = C(12, 14, 18, 9, 15, 17, 22, 20, 10, 14) > Y = t text (2, 4, alt = "lex", var. equal = TRUE) t = 0.093; df = 18, p-value = 0.463; mean of x = 14.9 mean of y = 15.1 a) Five measurement of the output of two with have given the following results (in Kilograms of material per one how of operation). Assume material per one how of operation). Assume that both samples have been obtained from that both samples have been obtained from when populations, text at 5% significance hound populations, text at 5% significance hound it two populations have the same
Variance. Turit A 14.1 15.2 13.5 12.9 14.3 15.0 Turit B 12.9 14.3 16.0 13.5 15.3 13.7
> unit_A = c (14.1, 15.2, 13.5, 12.9, 14.3, 15.0) -> unit_B = c (12.9, 14.3, 16.0, 13.5, 15.3, 13.7)
- igna test (unit -A) unit-b)
F = 0.55915, num $df = 5$, denom $df = 5$, P - value = 0.593979
ratio of variances = 0.5597469

CODE & OUTPUT:

CODE 1:



CODE 2: