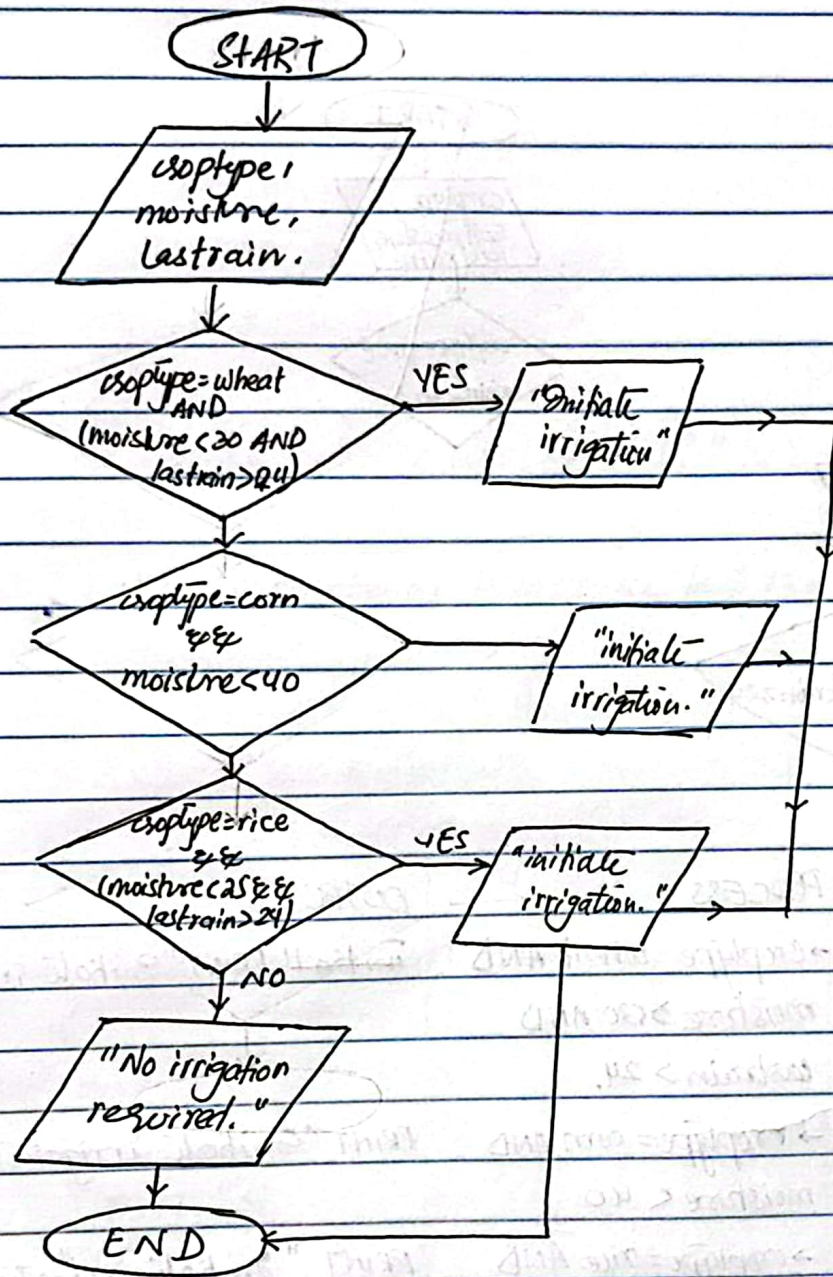


Question 5:

Pseudocode:

1. START
2. SET cropType, AS CHAR
3. SET moisture, lastRain AS Integer
4. PRINT "Enter the cropType. "
5. INPUT cropType.
6. PRINT "Enter moisture level(in %). "
7. INPUT "moisture
8. PRINT "Enter the ~~number~~^{of hours} since last rain, "
9. INPUT lastRain.
10. IF cropType = wheat AND (moisture < 30 AND lastRain > 24) THEN
11. PRINT "initiate irrigation. "
12. ELSE IF cropType = corn AND (moisture < 40 THEN
13. PRINT "initiate irrigation. "
14. ELSE IF cropType = rice AND (moisture < 25 AND lastRain > 24) THEN
15. PRINT "initiate irrigation. "
16. ELSE
17. PRINT "No irrigation required. "
18. END IF
19. END.



Uttarakhand State Government

INPUT	PROCESS	OUTPUT
Type of wheat ie wheat, corn, rice.	→ crop type = wheat AND moisture ≤ 30 AND last rain > 24 .	Initial PRINT "Initial irrigation."
Moisture level %.	→ crop type = corn AND moisture < 40	PRINT "Initial irrigation."
Hours since last rain.	→ crop type = rice AND moisture < 25 AND last rain -n > 24	PRINT "Initial irrigation."
	ELSE	PRINT "No irrigation necessary."