Q5:- Crop Management.

IPU

Input	Process	Output
o Type of crop (wheat, corn or rice). o Soil moisture level o Rained in last 24 hours ? (Yes or No)	o For wheat, if soil moisture < 30% AND no rain in last 24 hours, then initiate irrigation. o For corn, if soil moisture < 40%, initiate irrigation. o For rice, if soil moisture < 25% AND no rain in last 24 hours, initiate irrigation.	o Initiate irrigation o Do not initiate irrigation

PSEUDOCODE

① START
②   // Input / output
③ INPUT crop type (wheat, corn or rice)
④ INPUT soil moisture level
⑤ INPUT whether it has rained in last 24 hours (yes or No)
⑥   // Process steps
⑦ IF crop is "wheat" THEN
⑧   IF soil moisture < 30% AND NO rain in last 24 hours THEN
⑨   PRINT "initiate irrigation"
⑩ ELSE
⑪   PRINT "do not initiate irrigation"
⑫ END IF

13 ELSE IF crop is "corn" THEN
14 IF soil moisture < 40% THEN
15 PRINT "initiate irrigation"
16 ELSE
17 PRINT "do not initiate irrigation."
18 END IF
19 ELSE IF crop is "rice" THEN
20 IF soil moisture < 25% AND No rain in last 24 hours THEN
21 PRINT "initiate irrigation"
22 ELSE
23 PRINT "do not initiate irrigation"
24 END IF
25 END

FLOWCHART