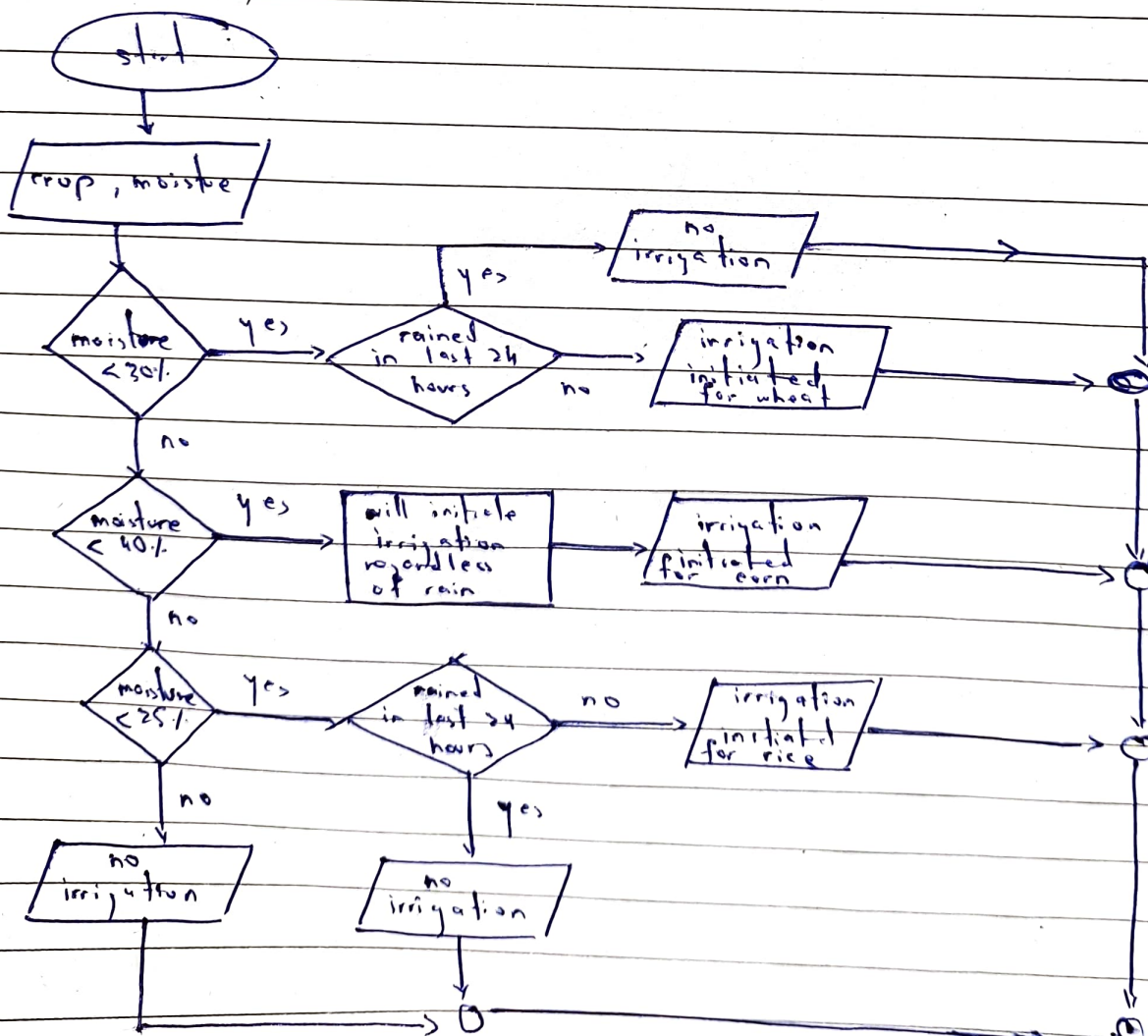


Question no. 5:

IPO

Date: \_\_\_\_\_

input	process	output
crop moisture	<p>If the moisture level is less than 30% and hasn't rained in last 24 hours system will initiate irrigation for wheat otherwise no initiation. Else if the moisture level is less than 40% then system will initiate irrigation for corn regardless of rain. Else if the moisture level is less than 25% and hasn't rained in last 24 hours system will initiate irrigation for rice otherwise no.</p>	<p>no irrigation irrigation initiated for { wheat corn rice</p>
Flowchart		



Date: \_\_\_\_\_

Start

Input  $\longrightarrow$  crop, moisture

if (moisture  $< 30\%$ ) then

if (rained in last 24 hours) then

print "no irrigation"

else &

print "irrigation initiated for wheat"

end if

else if (moisture  $< 40\%$ ) then

print "will initiate irrigation regardless of rain for corn"

else (moisture  $< 25\%$ )

if (rained in last 24 hours) then

print "no irrigation"

else

print "irrigation initiated for rice"

end if

end else

print "no irrigation"

end if

end

(Q5)