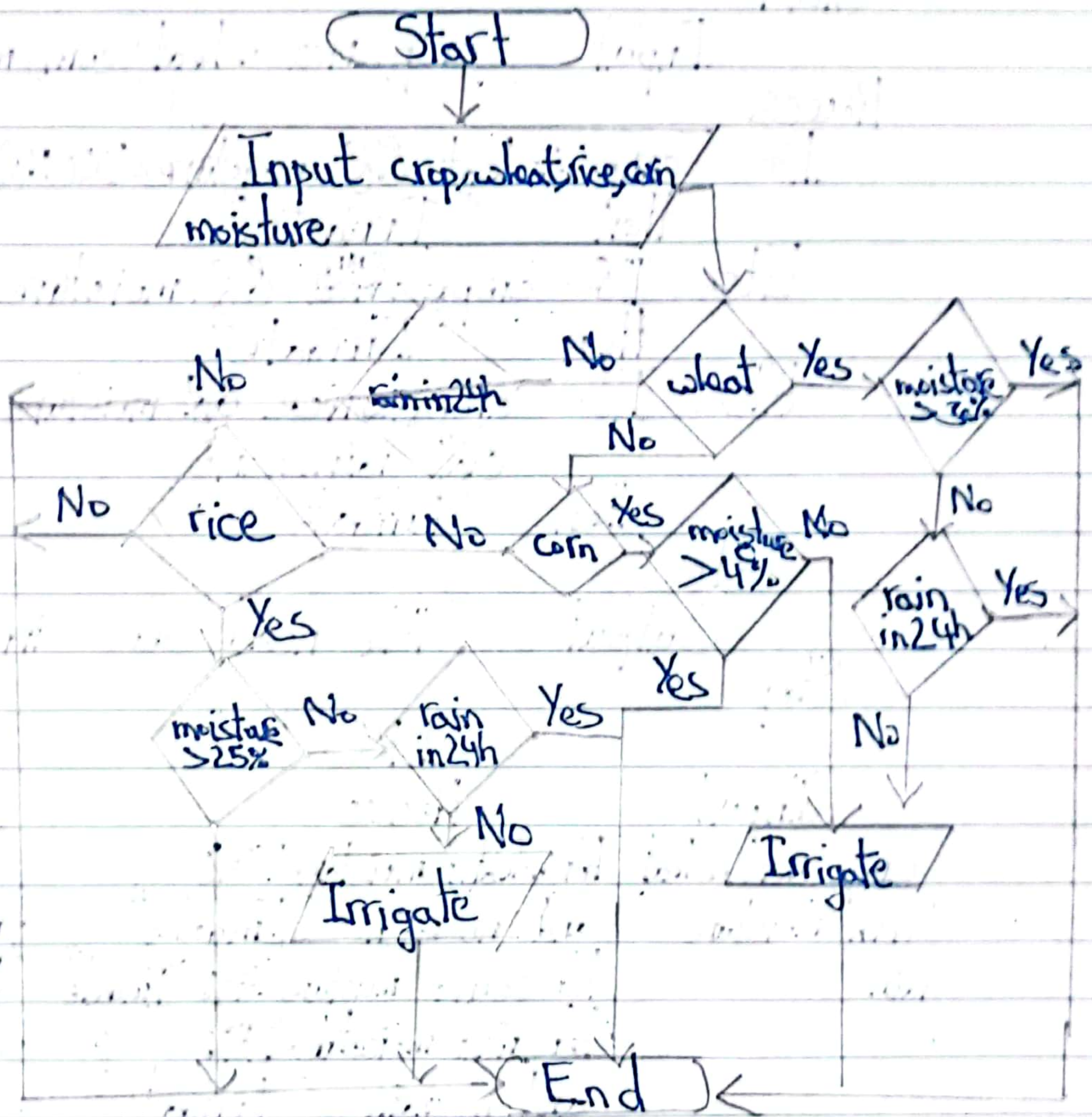


Q5

Flowchart



M.masoom Khan 24k-0001 PF Assign:1

Q5

Pseudocode

Start

Input crop, rice, wheat, corn, moisture, rain

Process

IF crop == wheat && moisture < 30% && rain == no
then "Irrigate"

Else IF crop == corn && moisture < 40%
then "Irrigate"

Else IF crop == rice && moisture < 25%
&& rain == no
then "Irrigate"

Else

Output "No need for irrigation"

Stop

IPO

Input	Process	Output
crop, rice, wheat, corn, moisture rain	For wheat: moisture < 30% and no rain "Irrigate" For corn: moisture < 40% "Irrigate" For rice: moisture < 25% and no rain "Irrigate" Else "No need for Irrigation"	"Irrigate" or "No need for irrigation"

Explanation

The program check the condition for the crops to need irrigation. IF a crop subills the required conditions it irrigates otherwise it doesn't.