| Date: |
|--|
| Problem 5: crop management |
| |
| Understood: Have to monitor the crop type and its moreture level together |
| with recent rainfall status to initiate or not the irrigation. |
| Sowhian ? Ask uses for crop type and use it else statements and nested |
| Loops to theck for an conditions given in data. |
| Drawing and a second |
| Pseudo co de 2 |
| START DUTPUT "(Enter crop type (wheat, corn or rice) and it moisture level : ") |
| |
| INPUT cropType, soilMoisture |
| OUTPUT " Ratre True it it rained in last 24 hours FALSE it not " |
| INPUT rainfall status |
| If cropType == "wheat" THEN |
| if soilmoisture & 30 THEN |
| If constant status == "FALSE" THEN |
| OUTPUT " Irrigation needed " |
| EISE . |
| DUTPUT "No irrigation needed" |
| ENDIF |
| ENPIE |
| WHY ELSE IE COPTYPE == "corn" THEN |
| IF SOILMOISTURE 2 40 THEN |
| DUTPUT " Imigation Needed" |
| Eise |
| OUTPUT " NO irrigation needed " |
| ENO IF |
| NEXT PAGE - |
| MIGHTY PAPER PRODUCT |

| | | Date: |
|-----------------------|----------------------------------|--|
| | | |
| Cuc vc | ropType == "rice" THEN | |
| EKE IF G | | 4 |
| | f raintau status == "FALSE" T | HEN |
| | curput " imagakon needed " | |
| . , | euse | |
| | OUTPUT "NO imigation nee | eded" |
| En | 2016 | |
| EKE | | · The state of the |
| | " Invavid coop type entere | d! |
| ENDIF | , ,, | |
| EnoD | the decimal of the second | |
| | · Ann | |
| 1PO chost : | | · |
| | | |
| input | Process | Dutput |
| - croptype (wheat) | - check if carried is wheat | - Impation needed |
| corn, rice) | - It soil moisture is below 30% | or No impalion needed |
| | and it hasn't rained in 24 hours | based on conditions. |
| . Soil moisture level | - Check it coop is com | |
| | - If soil mois we is below |) - invalid cop type it |
| - Raintau Status | 40% impation needed. | The state of the s |
| in last 24 hours | - eveck if crop is rice | (usual, com, rice) |
| (TRUE OR PALSE) | - soil moisture is below 25% | (wheat , can, nee). |
| , | and in last 24 hours no raintall | |
| | iniquian needed | |
| | | |
| A Marine Library | | |
| | MIGHTY PAPER PRODUCT | |

Date: _ START Flowchart: soilmoishre, rountal status expType, eropType 20 coptype com' yes Irrigation needed" yes NO irrigation needed No impation needed imigation needed NO invalid coop type 408 END L 25 AND TEMPORATOS 20 " no irrigation needed, yes irrigation needed MICHTY PAPER PRODUCT