

Qs.	INPUT	Process	OUTPUT
	<ul style="list-style-type: none"> • RainStat. • CropType. • Moisture. 	<ul style="list-style-type: none"> • check moisture according to crop requirement. • Irrigation = TRUE/FALSE. 	<ul style="list-style-type: none"> • Irrigation = TRUE/FALSE

END
START (DS)

DECLARE RainStat: BOOLEAN

DECLARE CropType: INTEGER // Where $\begin{cases} \text{wheat} = 1 \\ \text{Corn} = 2 \\ \text{Rice} = 3 \end{cases}$

DECLARE Moisture: INTEGER

DECLARE Irrigate: BOOLEAN

Irrigate \leftarrow FALSE

INPUT RainStat

INPUT CropType

INPUT Moisture

IF (CropType = 1) AND (RainStat = FALSE)
THEN

IF Moisture < 30

THEN

Irrigate \leftarrow TRUE

END IF

Page ☐ Victory

ELSE

IF (CropType = 2) AND (RainStat = FALSE)

THEN

IF Moisture < 40

THEN

Irrigate ← TRUE

ENDIF

ELSE

IF (CropType = 3) AND (RainStat = FALSE)

THEN

IF Moisture < 25

THEN

Irrigate ← TRUE

ENDIF

ENDIF

ENDIF

END

ENDIF

Date: _____

