



Week 2 Algorithm Projects

Project I

BEGIN

PLACE aminat at (0,0)

PLACE flower at (3,0)

MOVE aminat to (3,0)

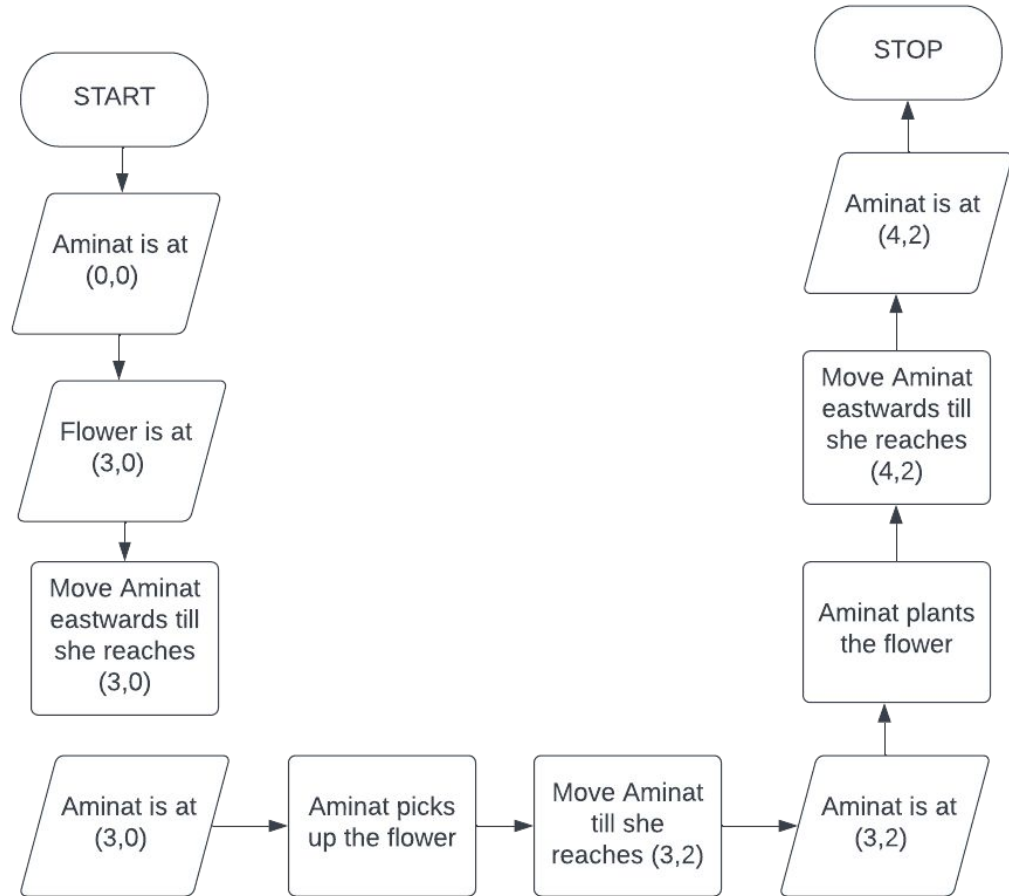
SHOW "Aminat has the flower"

MOVE aminat to (3,2)

PLACE flower at (3,2)

MOVE aminat to (4,2)

END



Project II

BEGIN

DECLARE employee_list = [Am, Bu, Cy, Dz, Ei, Fa, Gu, Hy, Ij, Je, Kp, Lu, Ma, Ni, Oh]

INPUT name

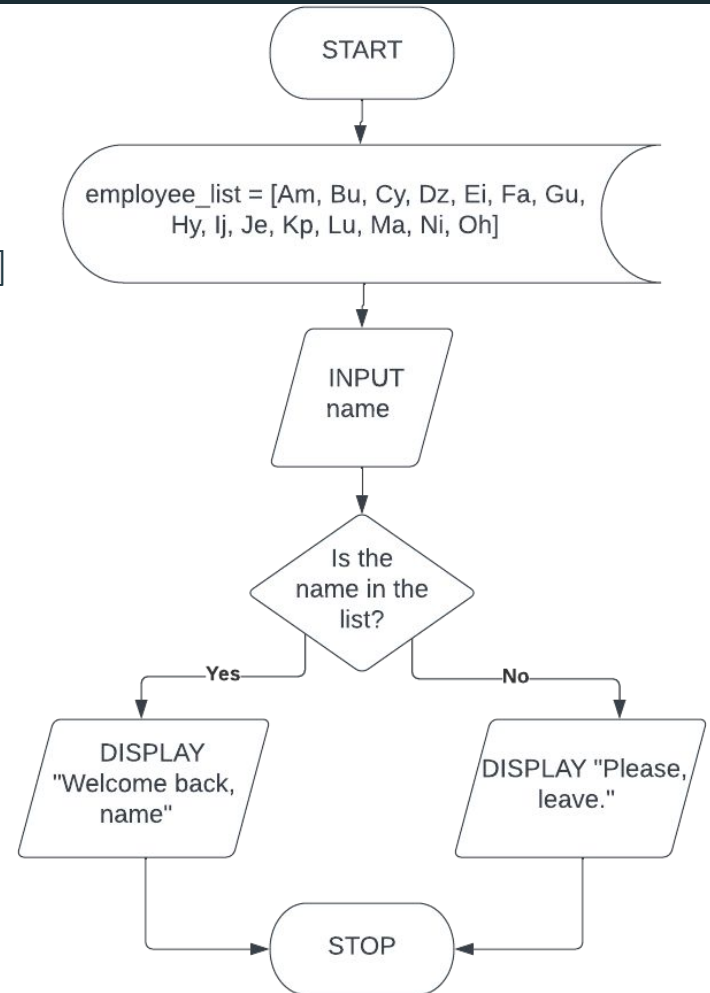
IF name is in employee_list:

DISPLAY "Welcome back, name"

ELSE:

DISPLAY "Please, leave."

END



Project III

BEGIN

INPUT location

IF location = PAU:

DISPLAY "What is the package weight?"

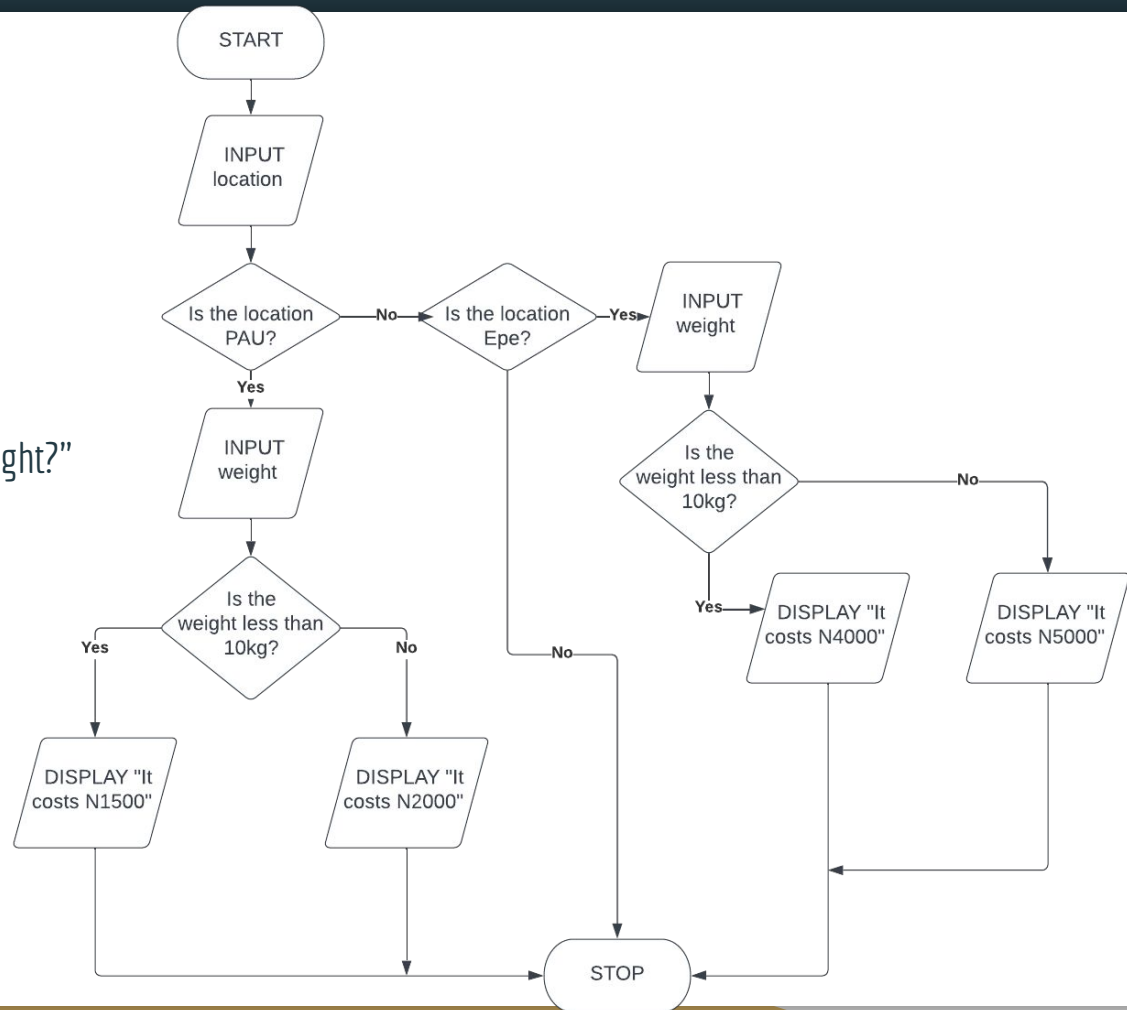
INPUT weight

IF weight < 10:

DISPLAY "It costs N1500"

IF weight = 10:

DISPLAY "It costs N2000"



IF weight > 10:

 DISPLAY "It costs N2000"

IF location = Epe:

 DISPLAY "What is the package weight?"

 INPUT weight

 IF weight < 10:

 DISPLAY "It costs N4000"

 IF weight = 10:

 DISPLAY "It costs N5000"

 IF weight > 10:

 DISPLAY "It costs N5000"

END

Project IV

BEGIN

DECLARE criteria = 0

INPUT jamb

IF jamb \geq 230:

DISPLAY "The student meets the JAMB criteria"

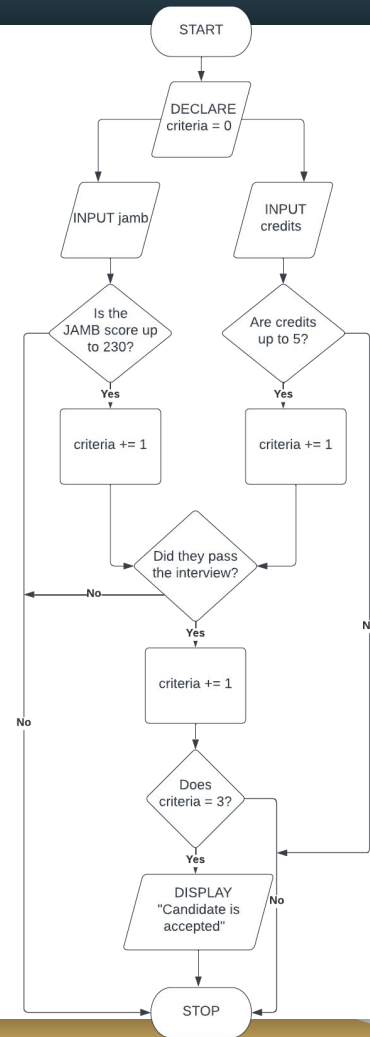
criteria +=1

INPUT credits

IF credits \geq 5:

DISPLAY "The student meets the credits criteria"

criteria +=1



INPUT interview

If interview = Yes:

DISPLAY "The student passed the interview"

IF criteria = 3:

DISPLAY "The student is admitted"

END

Project V

BEGIN

PLACE boy at (0,0)

SHOW "The boy has the flower"

PLACE girl at (0,2)

PLACE vase at (3,2)

MOVE boy to (0,2)

SHOW "The boy has given the girl the flower"

MOVE girl to (3,2)

SHOW "The girl planted the flower in the vase"

MOVE girl to (3,4)

END

