Name -Runisi Nikoya Samaranayake

#Case study 2

Start

Float feet,inches

Get Feet

Get Inches

Then centimeters = (30.48\*feet + 2.54\*inches)

Display ('Height in centimeters',centimeter)

STOP

#Case study 3

Start

Integer Number\_of\_students,total\_score,total\_count,Student\_score

REAL average\_score

STRING student\_name

total\_count = 0

total\_marks = 0

GET"number\_of\_students",students

WHILE (total count <= Number\_of\_students) AND (Student\_scores>=0 and student marks<=100)

GET"student name is".Student\_name

GET"student mark is".Student\_score

Total\_score = total\_score + Student\_score

Display Student\_name

Display student\_score

ENDIF

total\_count = total\_count + 1

GET"student name is".Student\_name

GET"student mark is".Student\_score

END WHILE

Average\_score = (Total\_score/total\_count)

Display "Average is",Average\_score

STOP

Case 4#

Start

Float Kilometers,miles

miles = 10

DISPLAY "miles" "kilometers"

WHILE miles <= 110 DO

DISPLAY(Miles, (Miles\*1.60934))

Miles = miles + 10

DISPLAY"This program prints conversion table",conversion table

If choice = m THEN

END IF

If choice = k THEN

then km = 0

DISPLAY "miles" "kilometers"

kilometers = kilometers + 10

DISPLAY(kilometers, (kilometers\*0.621371))

END WHILE

STOP