ANALYSIS

Problem Input

Assuming the plot's dimensions are taken as rectangular measurements

Feet   #Length of the plot in feet

                                        #Width of the plot in feet

Ugandan Shillings(UGX)   #Price per decimal in a given location

Problem Output

Feet   #Area of the plot in square feet

➢ Relevant formula

Area of the plot =   Length of the plot *   Width of the plot

in feet   in feet   in feet

Decimals   #Area of the plot in decimals

➢ Relevant formula

1 Square foot = 0.0023 decimals

Ugandan Shillings(UGX)   #Total Price of the plot

➢ Relevant formula

Price of the plot   Price per decimal   Area of the plot

in Ugandan   =   in a given location   *   in decimals

Shillings   in Ugandan

                            Shillings

PSEUDO CODE

BEGIN

INPUT   Length of the plot in feet

         Width of the plot in feet

         Price per decimal of the plot in a given location

         Area of the plot in   =   Length of   *   Width of

         Square feet   the plot   the plot

PLOT SURVEYOR ASSIGNMENT

Area of the plot = 0.0023 * Area of the plot
in decimals   in square feet

Price of the plot in = Price per decimal in a   Area of the plot
Ugandan Shillings   given location in   *   in decimals
                         Ugandan Shillings

DISPLAY   Price of the plot in Ugandan Shillings

END